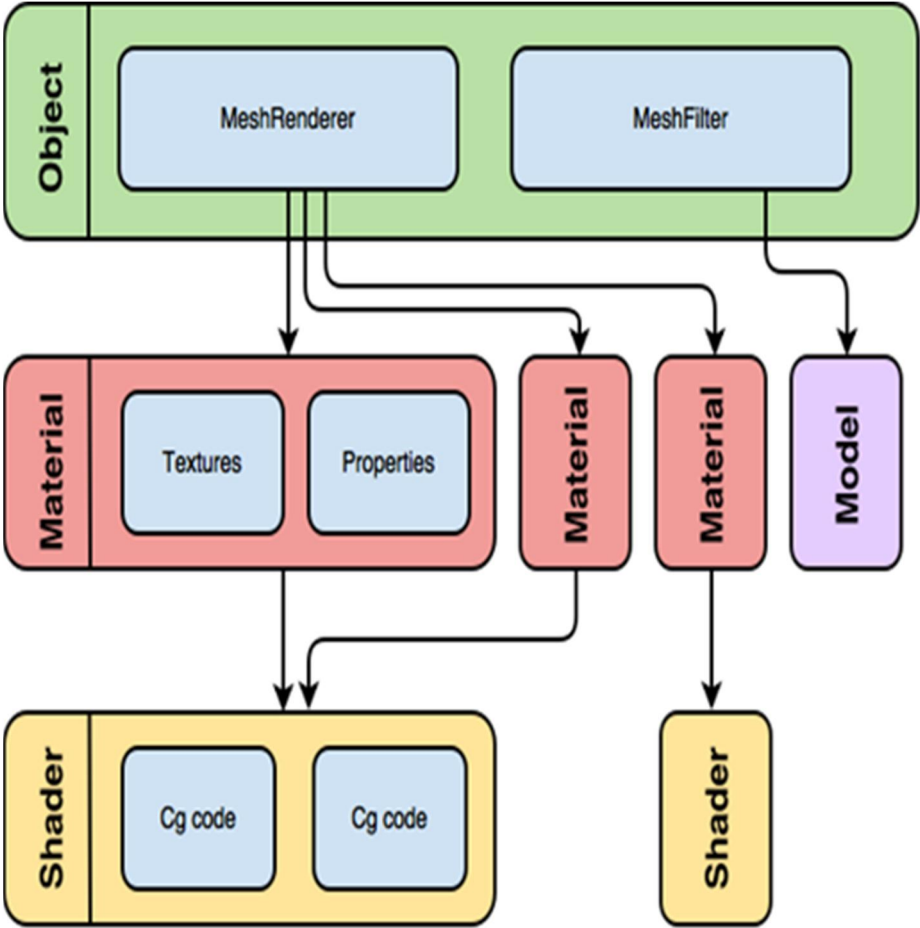
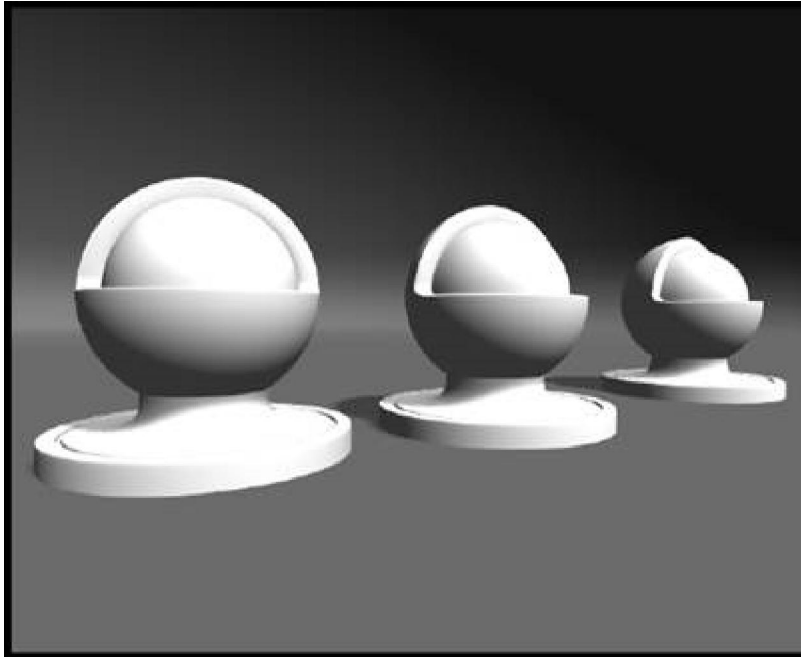


Chapter 1: Shaders and its properties





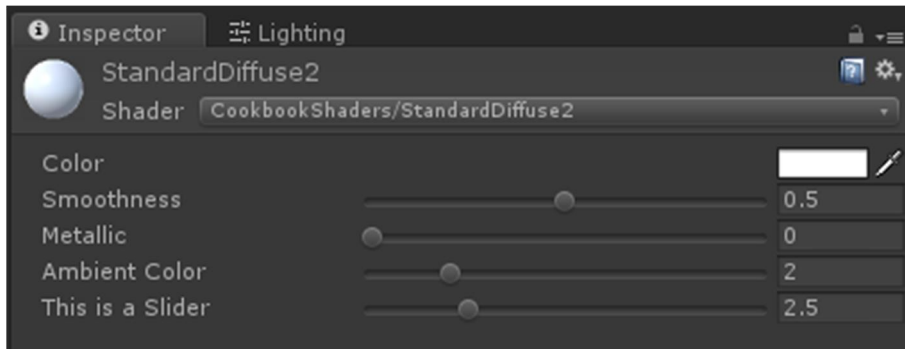
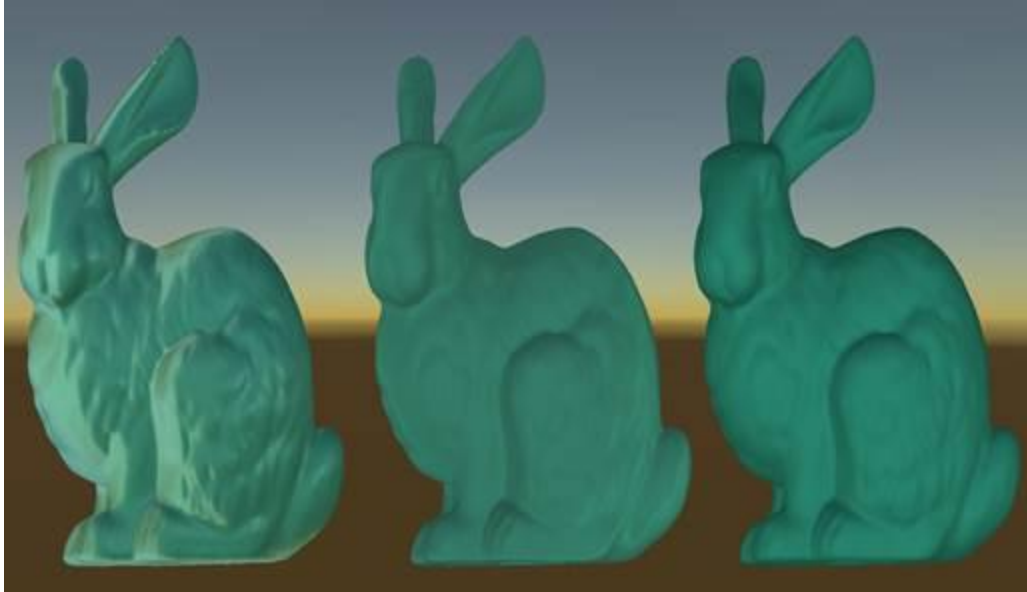
UNITY DOWNLOAD ARCHIVE

From this page you can download the previous versions of Unity for both Unity Personal and Professional Editions (if you have a Pro license, enter in your key when prompted after installation). Please note that there is no backwards compatibility from Unity 5 projects made in 5.x will not open in 4.x. However, Unity 3.x will import and convert 4.x projects. We advise you to back up your project before converting and check the console log for any errors or warnings after importing.

5.x 4.x 3.x

UNITY 5.1.2 16 Jul 2015	Downloads (60k)	Downloads (51k)	RELEASE NOTES
UNITY 5.1.1 14 Jun 2015			RELEASE NOTES
UNITY 5.1.0 7 Jun 2015			RELEASE NOTES
UNITY 5.0.4 9 Jul 2014			RELEASE NOTES

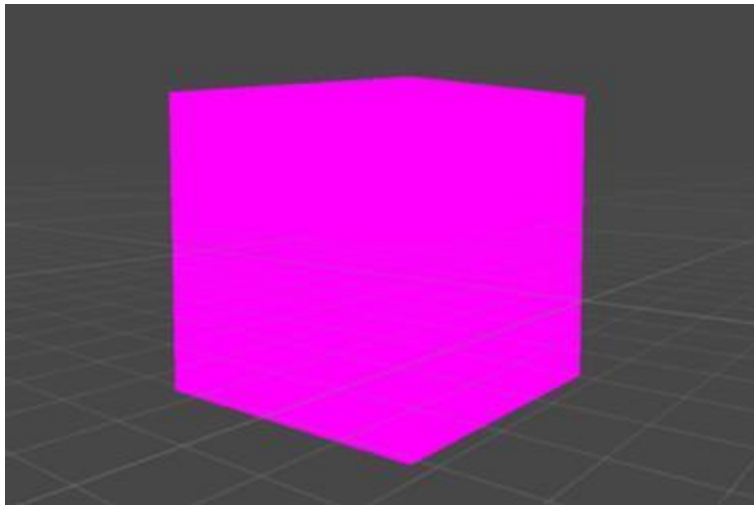
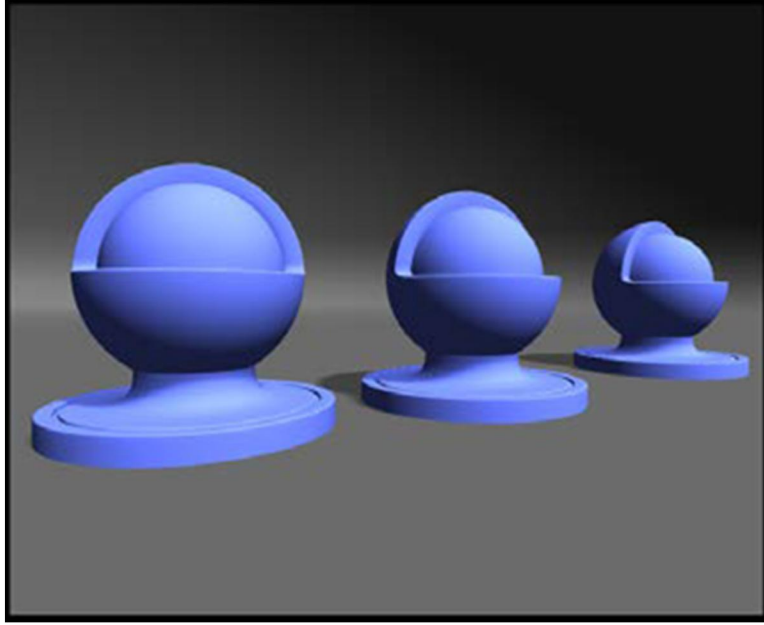
- Unity Installer
- Unity Editor 64-bit
- Unity Editor 32-bit
- Cache Server
- Built-in shaders**
- Standard Assets
- Example Project
- Samsung TV Support Installer

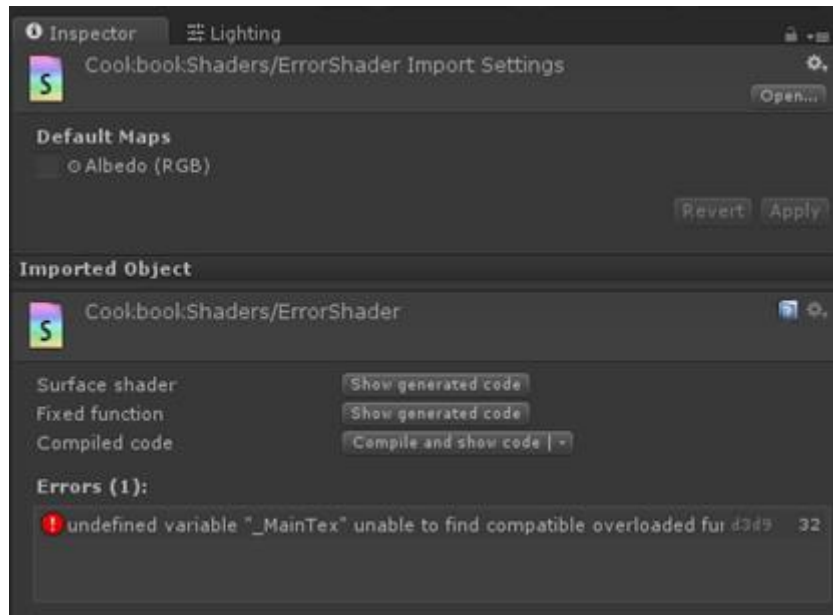


Properties

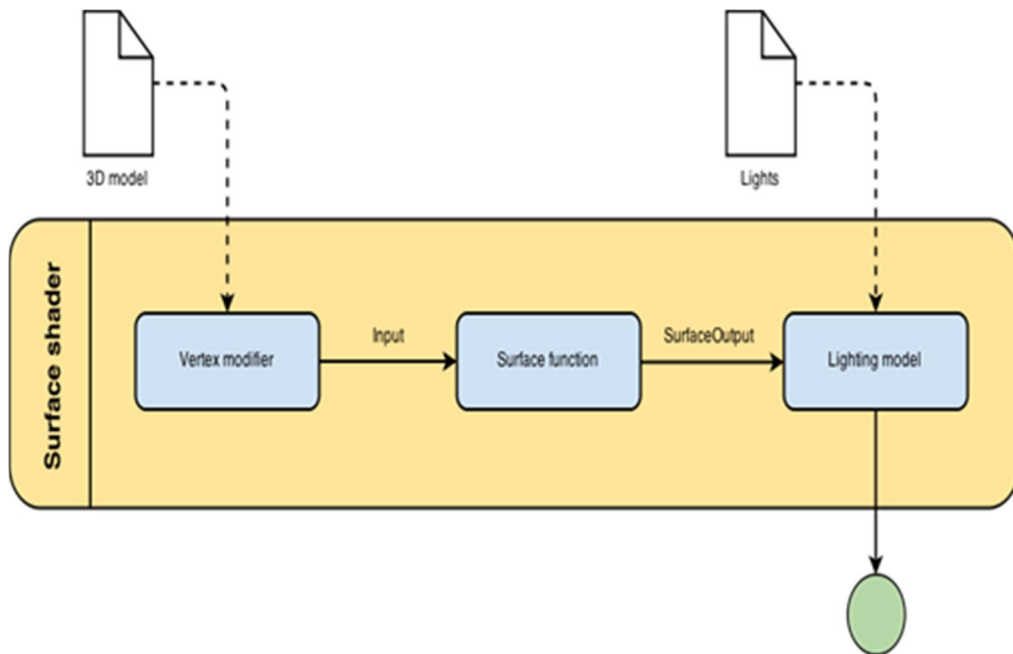
```
{  
  _AmbientColor ("Ambient Color", Color) = {1,1,1,1}  
}
```

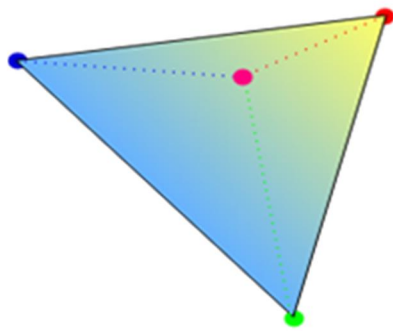
Variable Name Inspector GUI Name Type Default Value



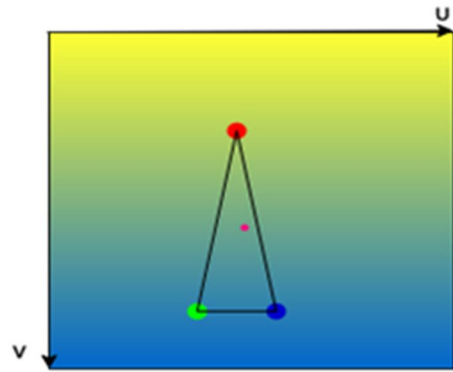


Chapter 2: Surface shaders and texture mapping

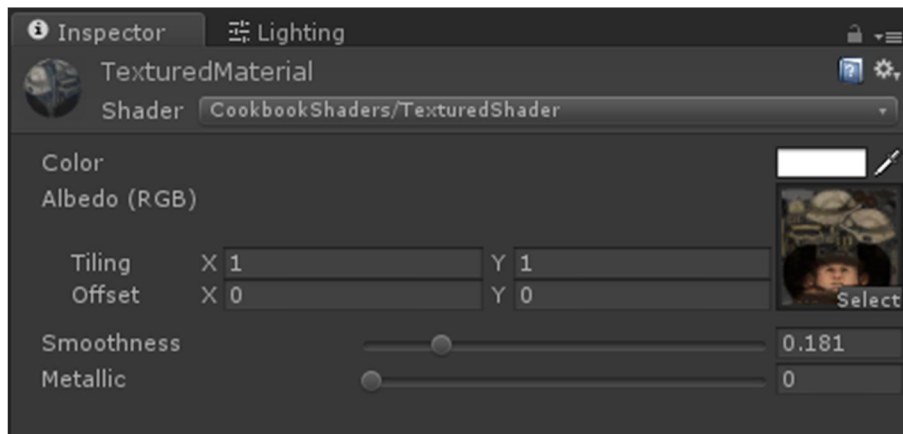


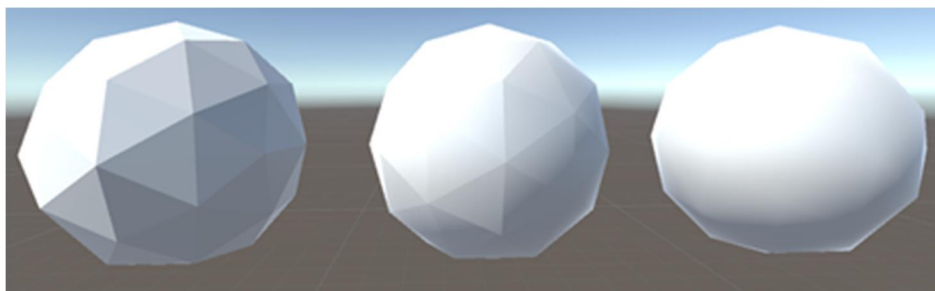
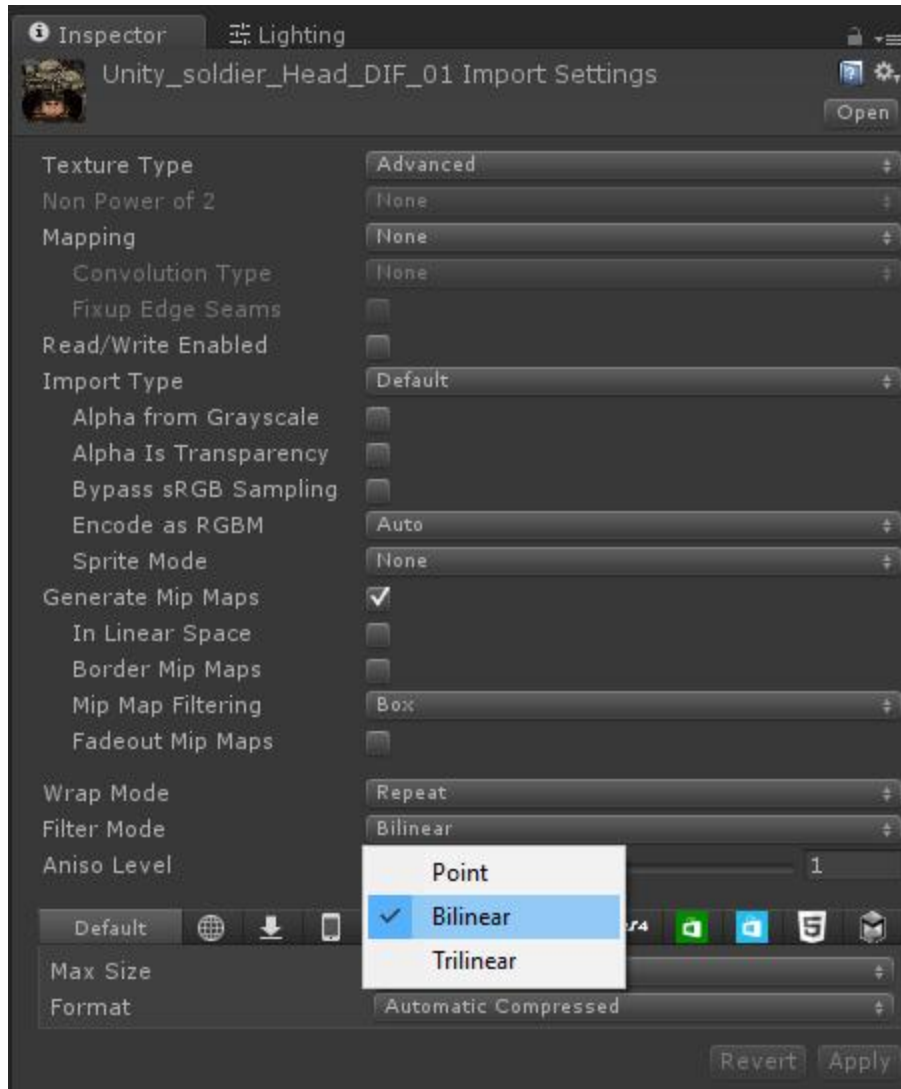


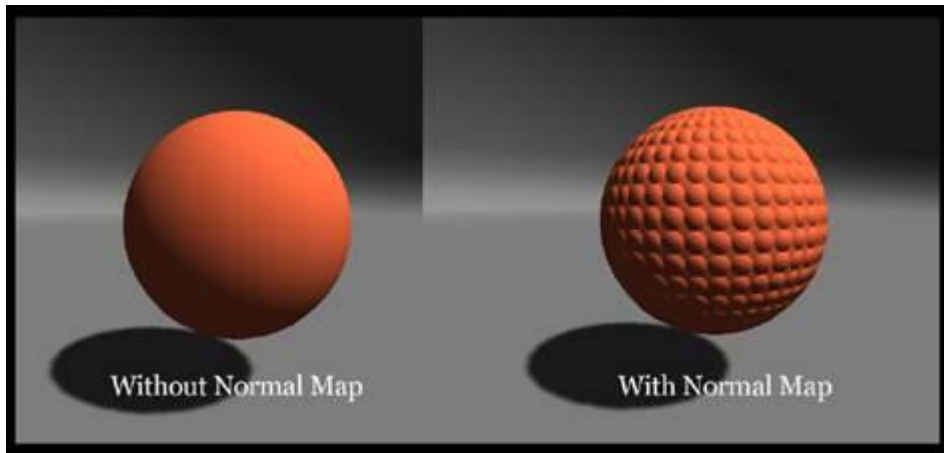
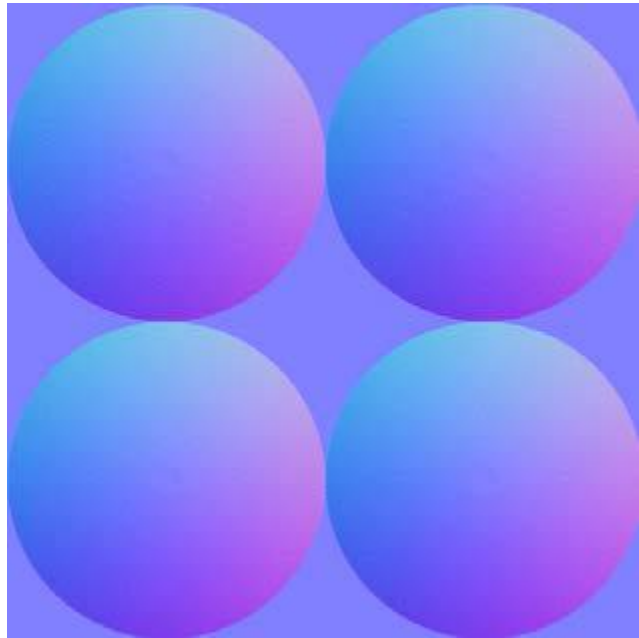
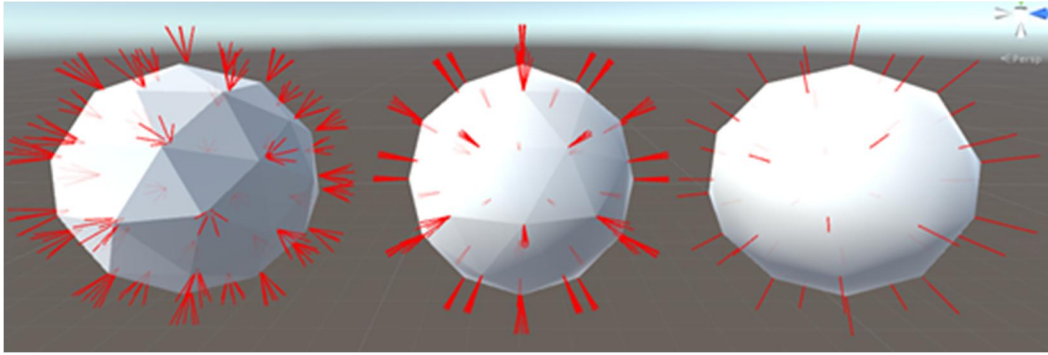
Triangle

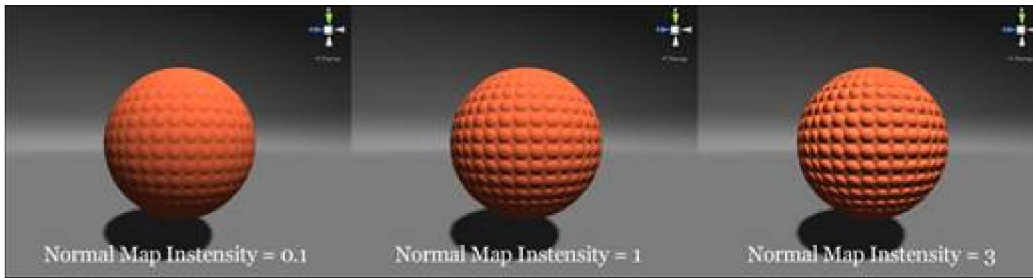


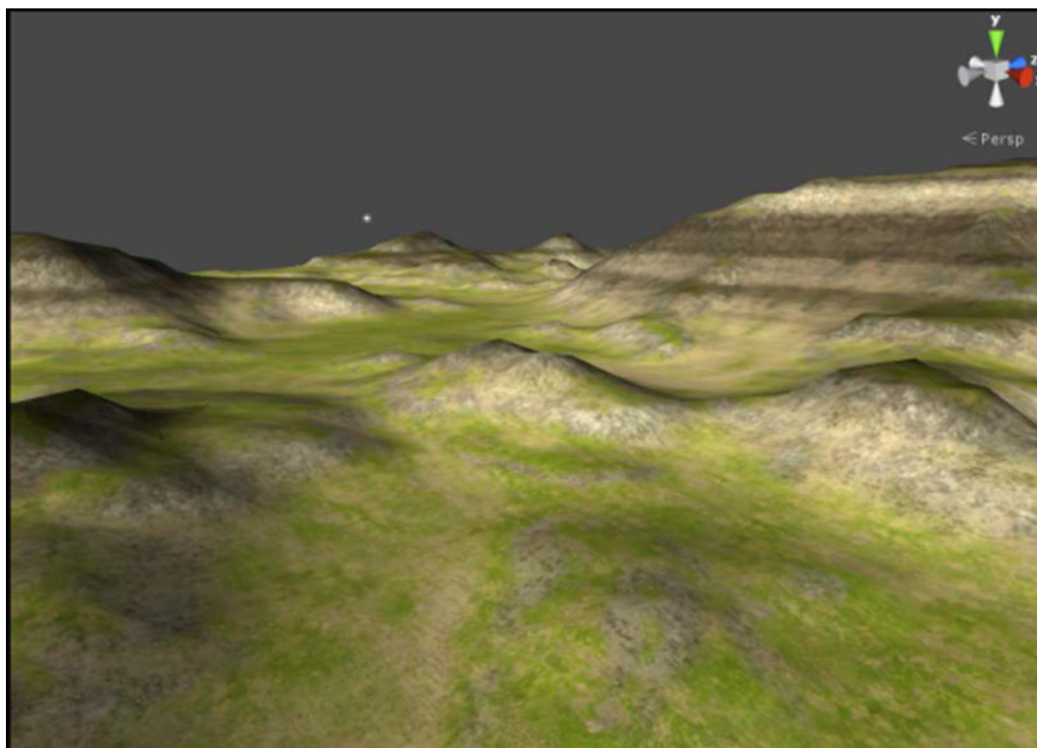
2D Texture





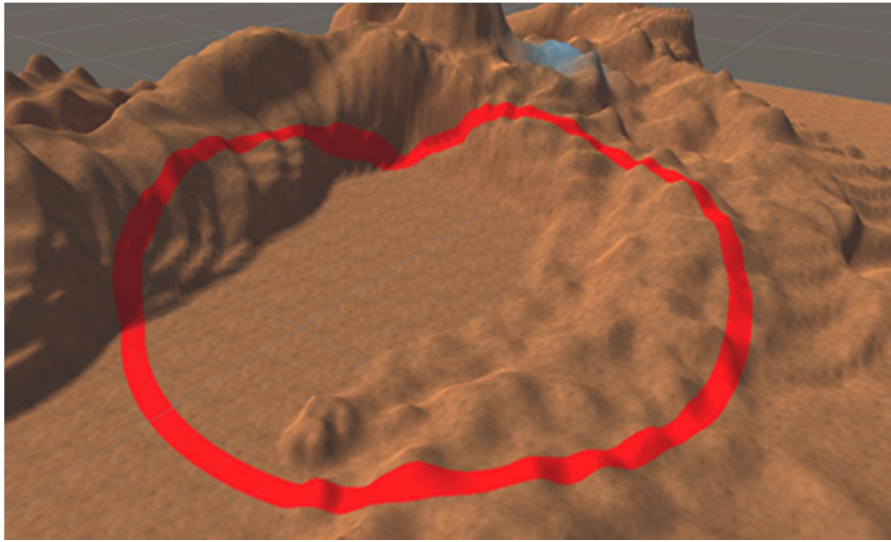






$$\text{lerp}(\text{a}, \text{b}, \text{f}) = \text{result}$$

The equation shows a linear interpolation function lerp taking three inputs: a sand texture labeled 'a', a grass texture labeled 'b', and a grayscale heightmap labeled 'f'. The output is a mixed texture labeled 'result'.



Terrain

Paint Texture
Select a texture below, then click to paint

Brushes

Textures
No terrain textures defined.

Settings

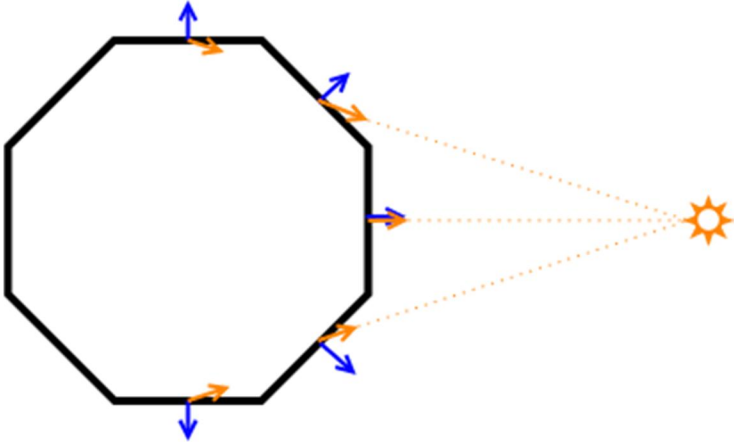
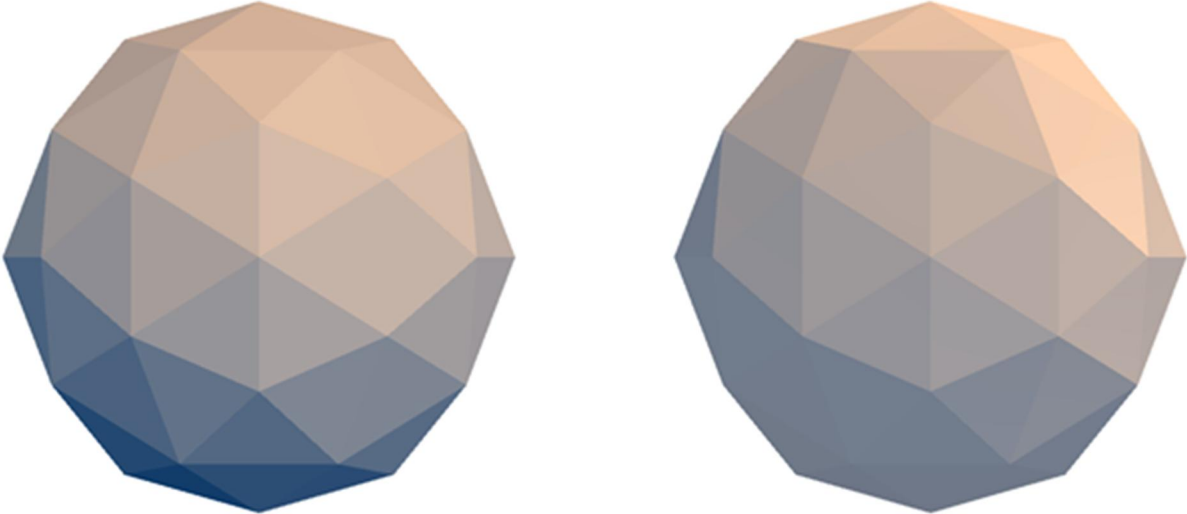
Brush Size: _____
Opacity: _____
Target Strength: _____ 1

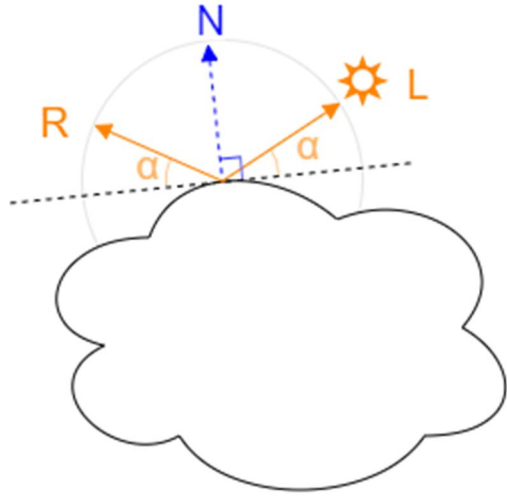
Terrain Collider

Material: None (Physic Material) ○
Terrain Data: New Terrain 1 ○
Enable Tree Colliders:

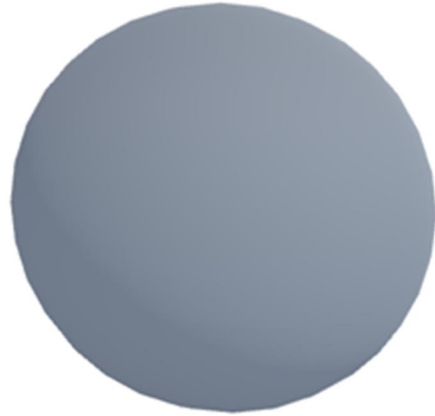
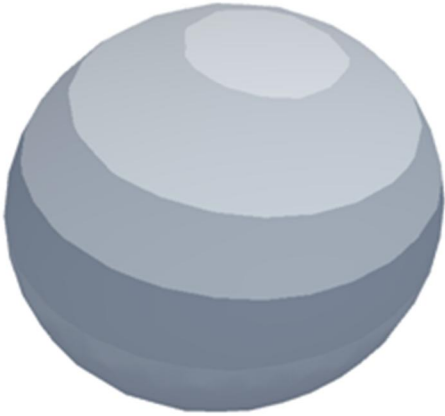
Context menu:
Add Texture...
Edit Texture...
Remove Texture

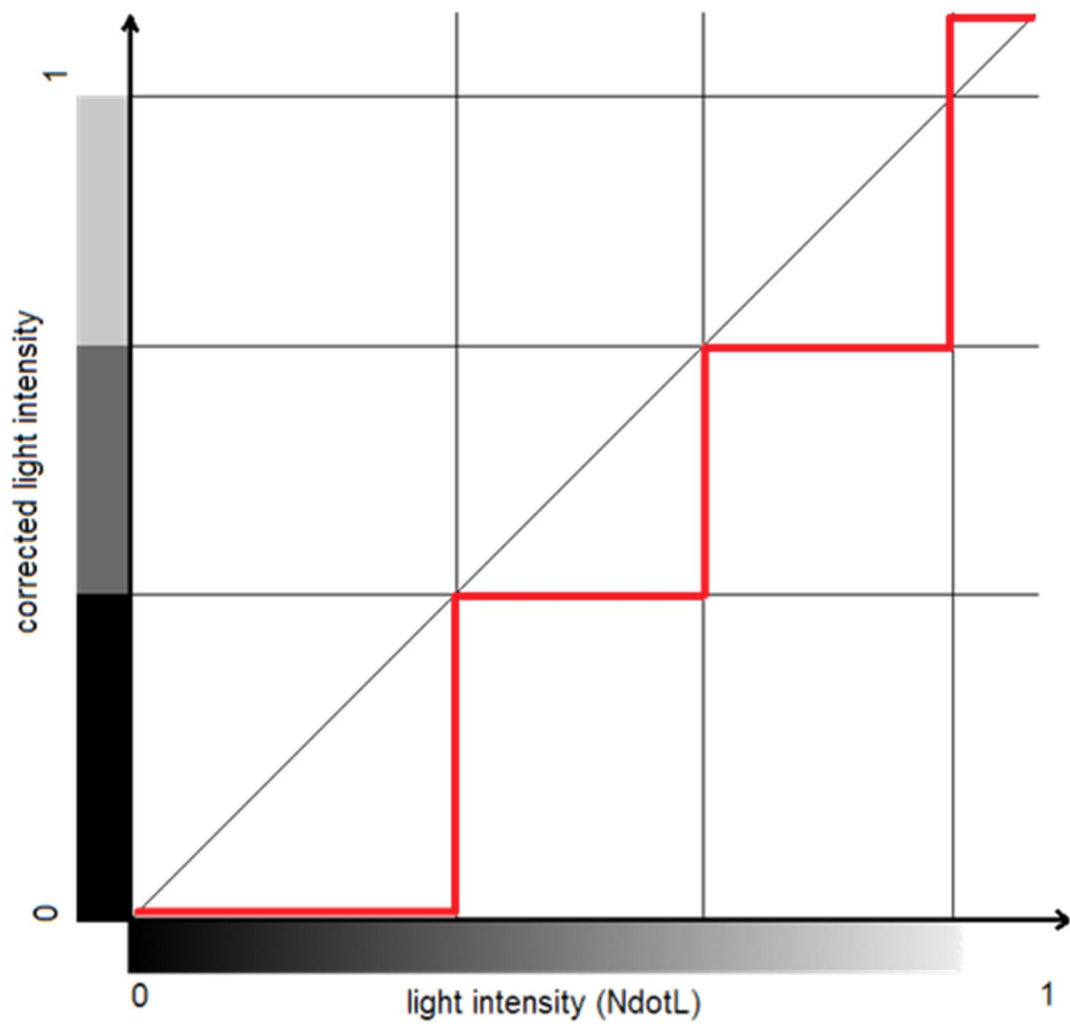
Chapter 3: Understanding lighting models

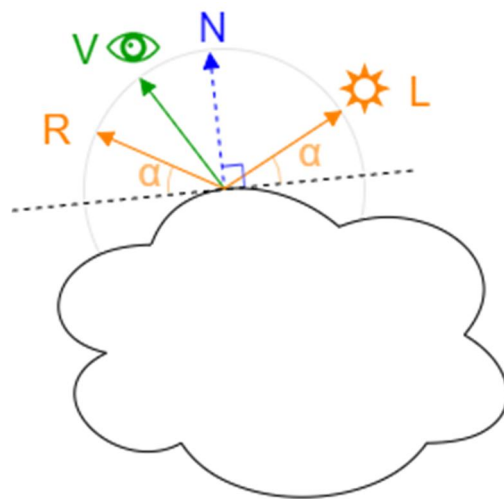
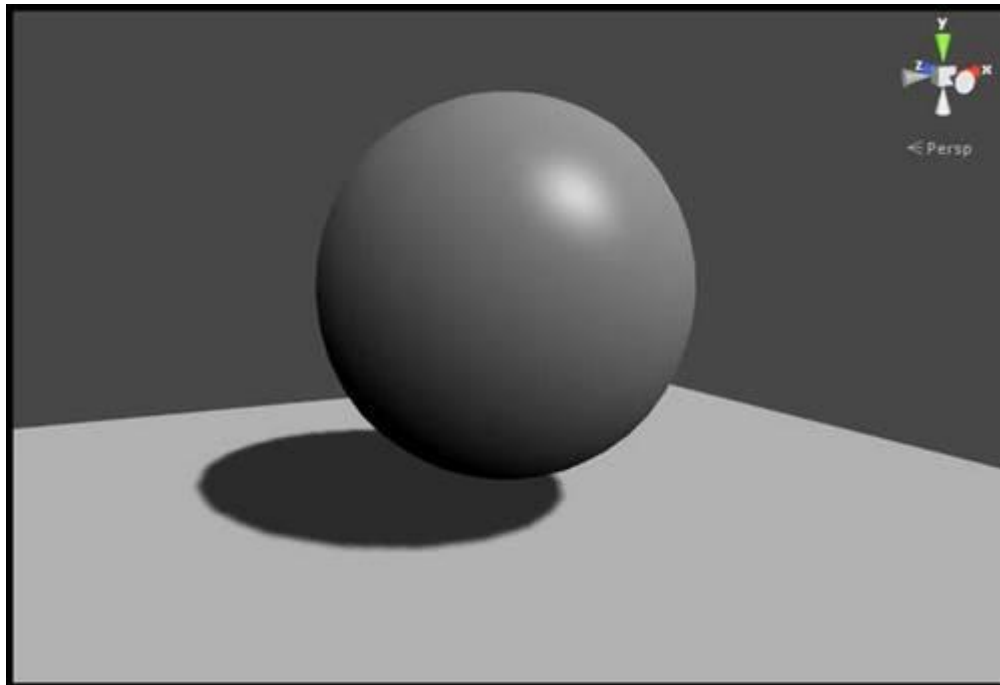




$$I = N \cdot L$$



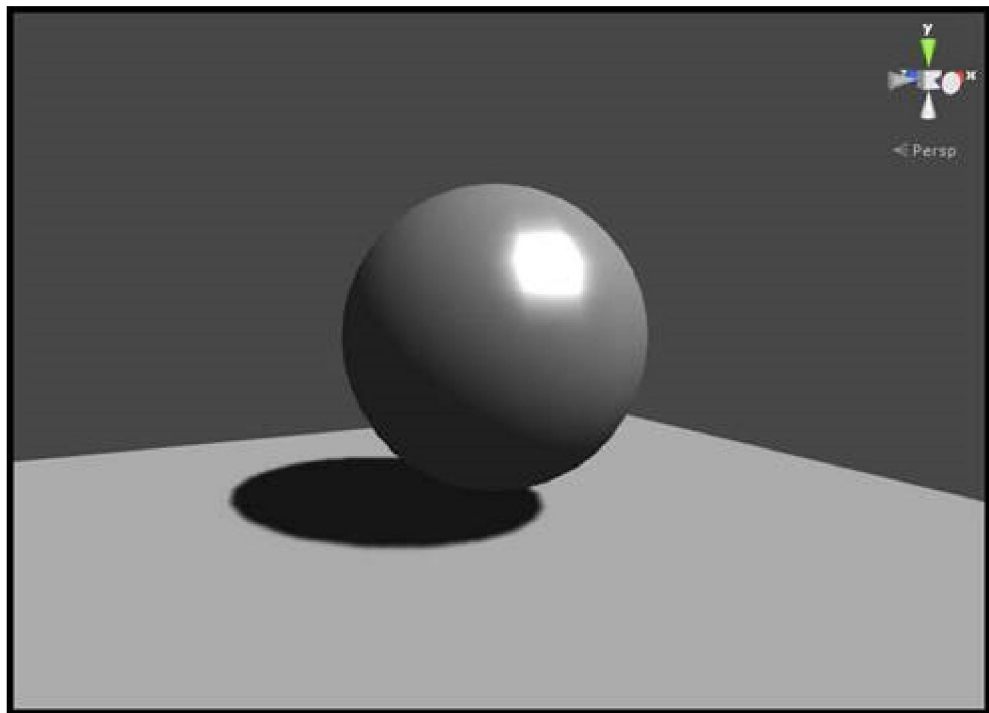
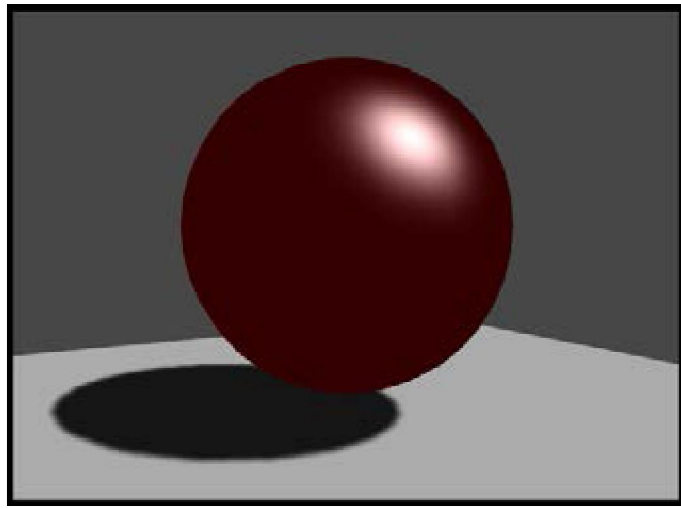
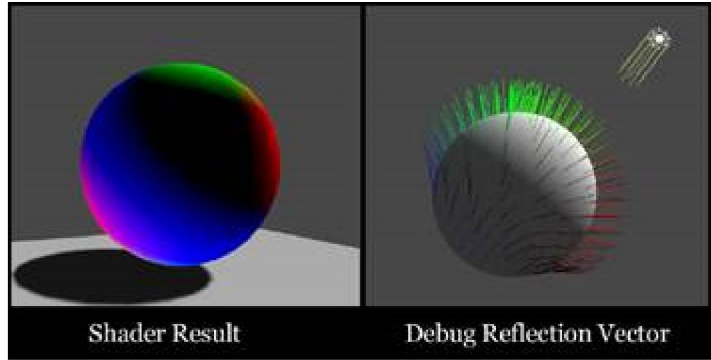


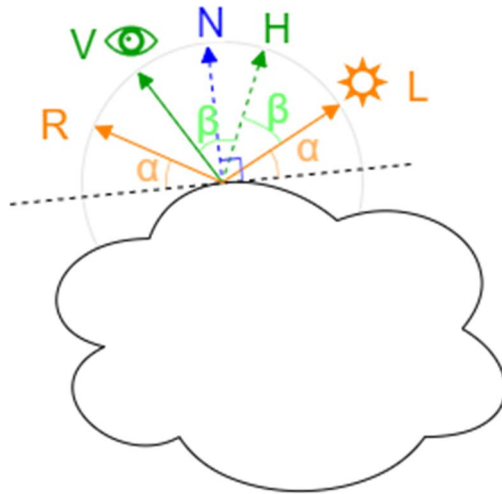


$$I = D + SD = N \cdot L$$

$$S = (R \cdot V)^p$$

$$R = 2N \cdot (N \cdot L) - L$$





$$S_{\text{Phong}} = (R \cdot V)^p, \quad S_{\text{BlinnPhong}} = (N \cdot H)^p$$

$$H = \frac{V + L}{|V + L|}$$

$$|V + L|$$

$$V + L$$

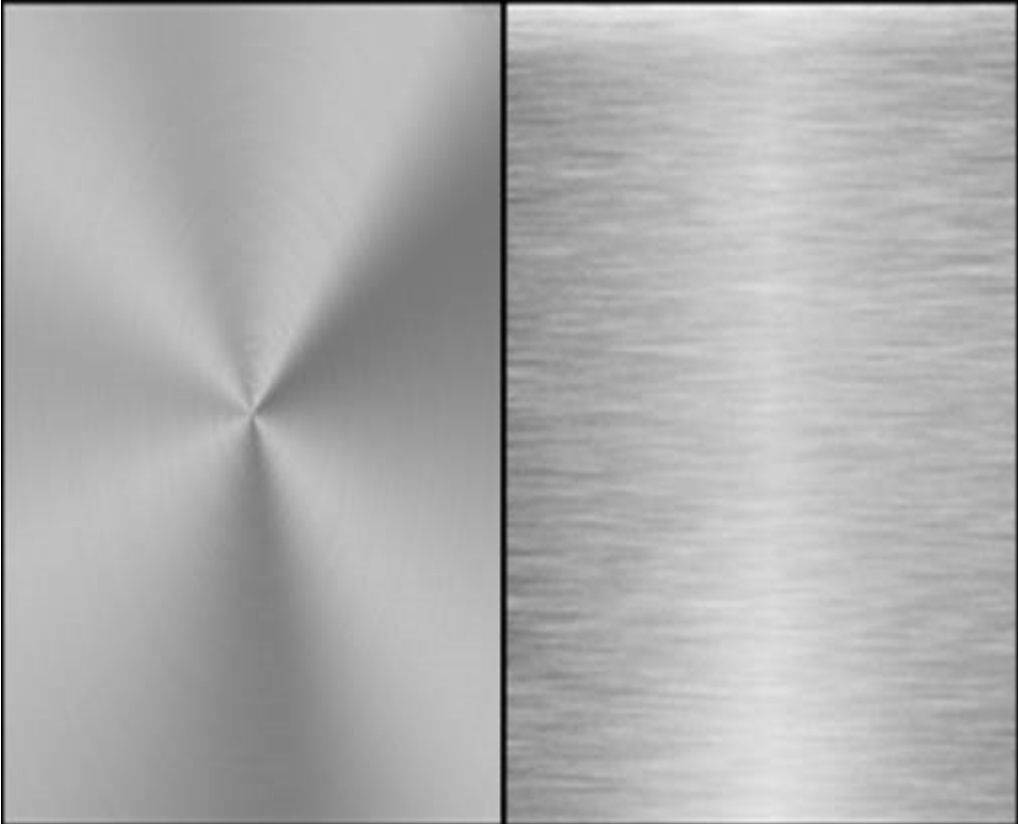
$$I = N \cdot L$$

$$I = N \cdot L + (R \cdot V)^p$$

$$R = 2N \cdot (N \cdot L) - L$$

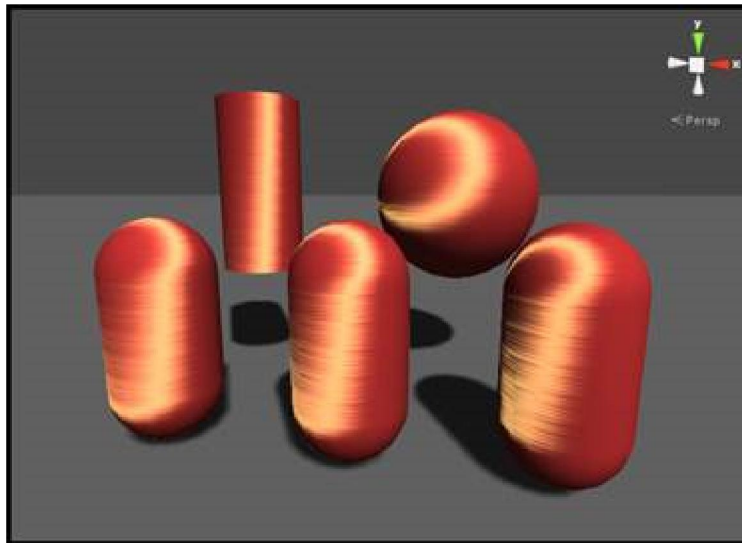
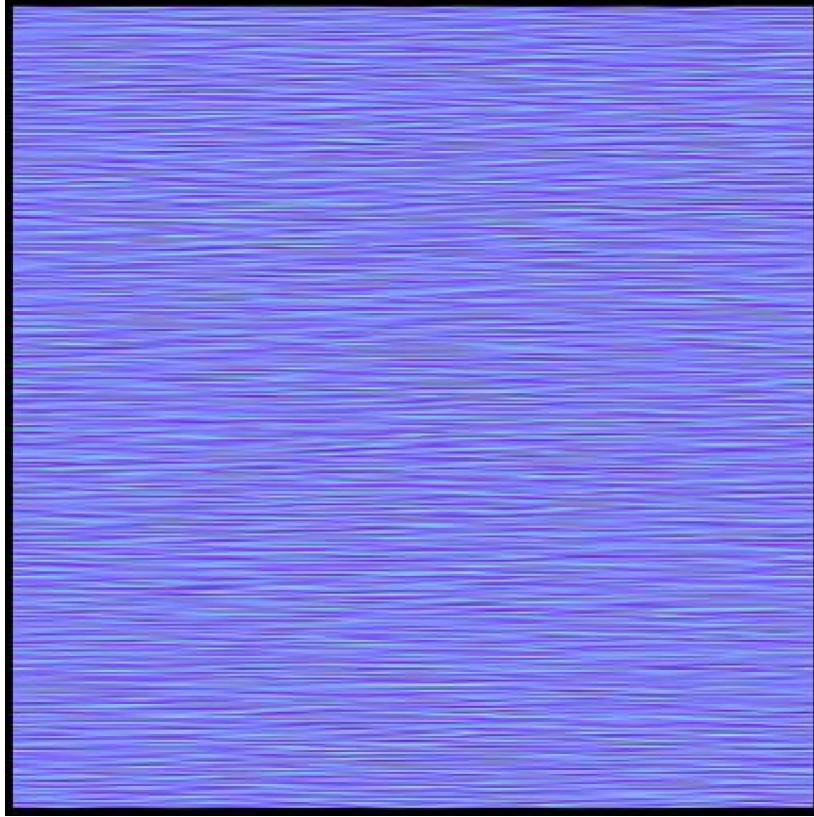
$$I = N \cdot L + (N \cdot H)^p$$

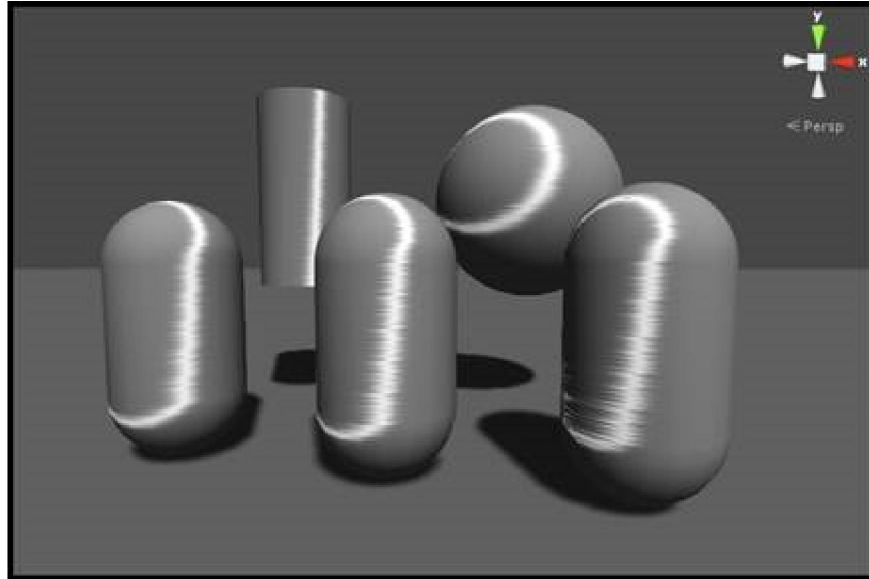
$$H = \frac{V + L}{|V + L|}$$



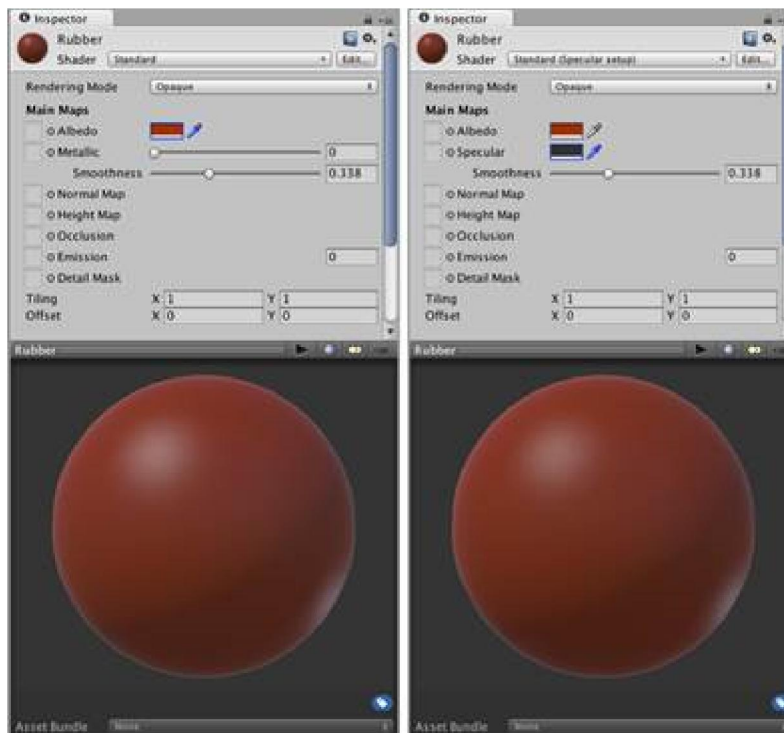
Radial Anisotropoy

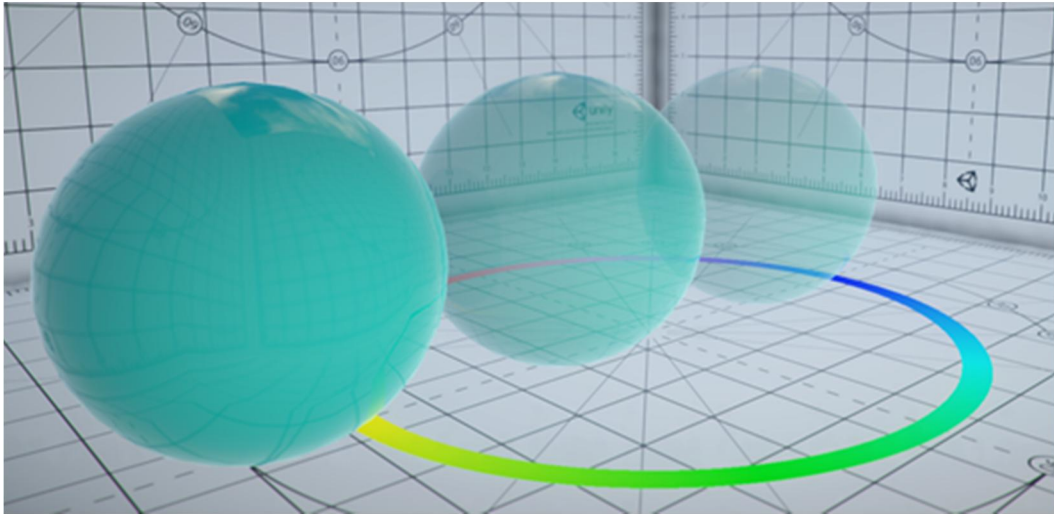
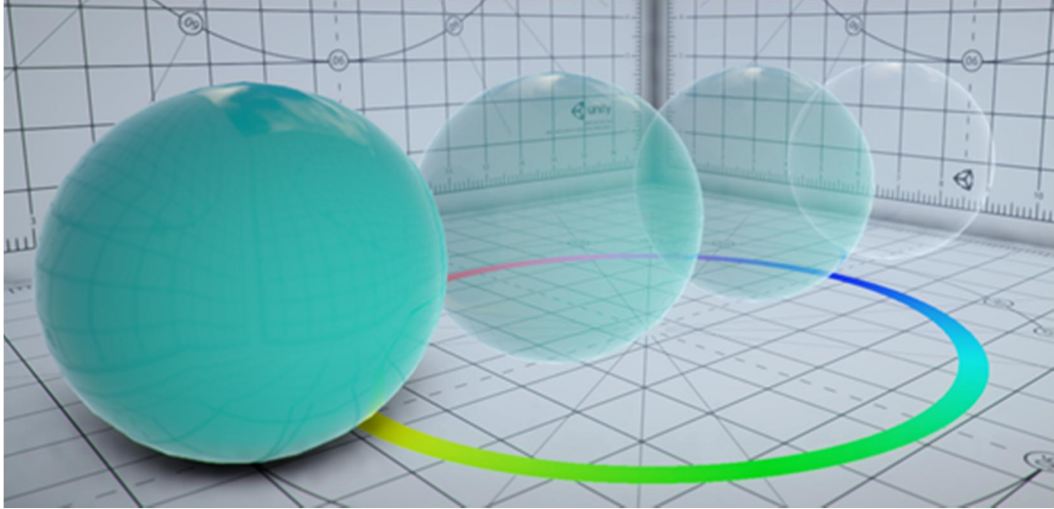
Horizontal Anisotropoy

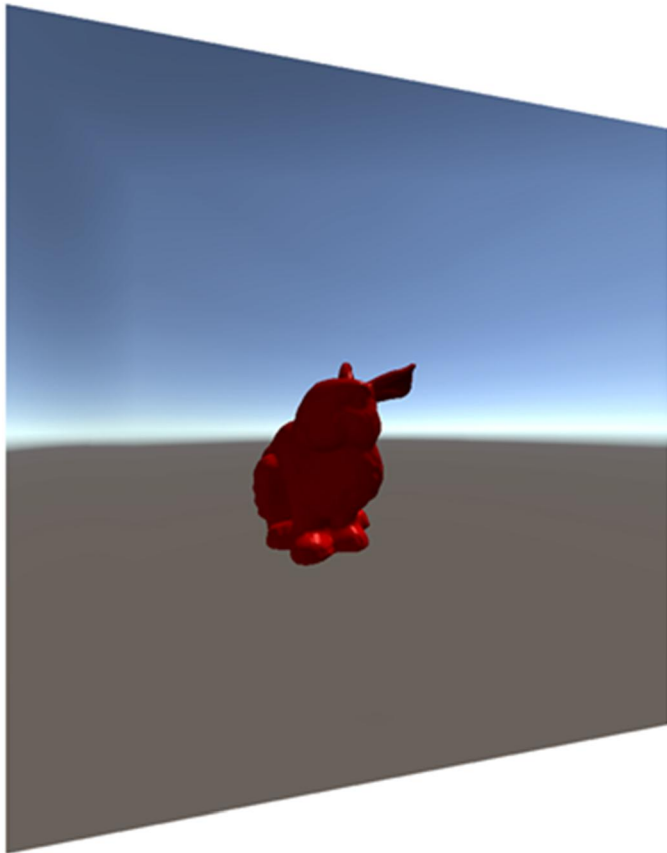


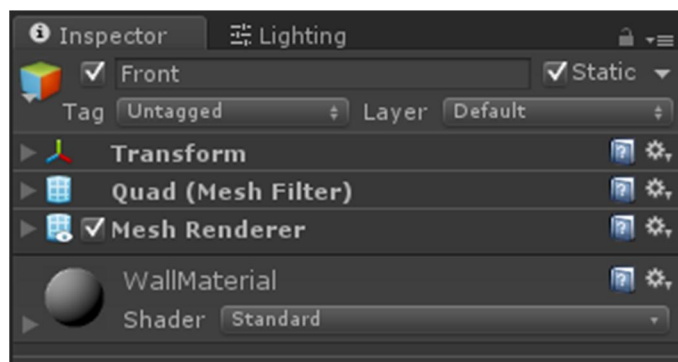
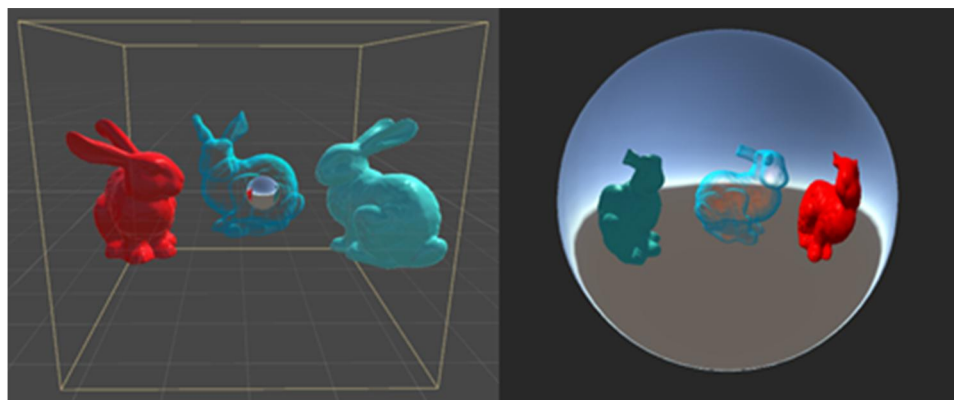
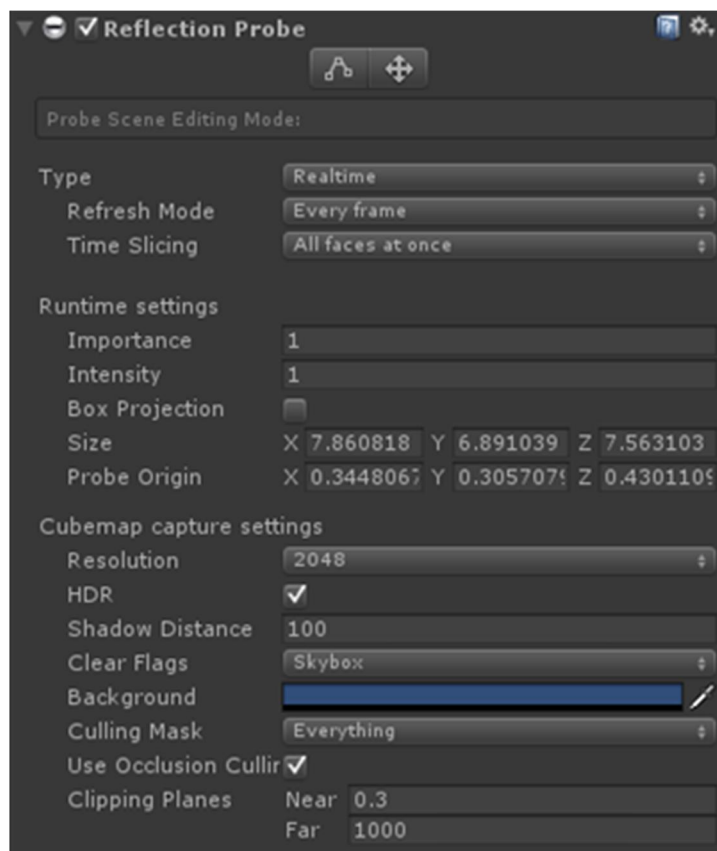


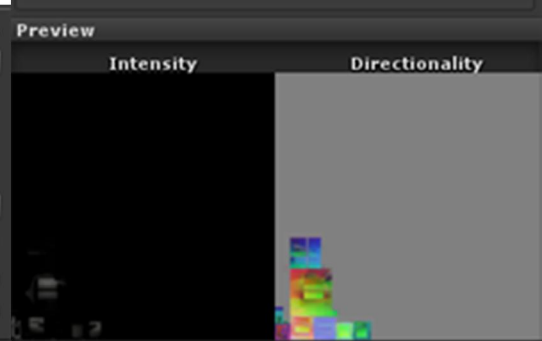
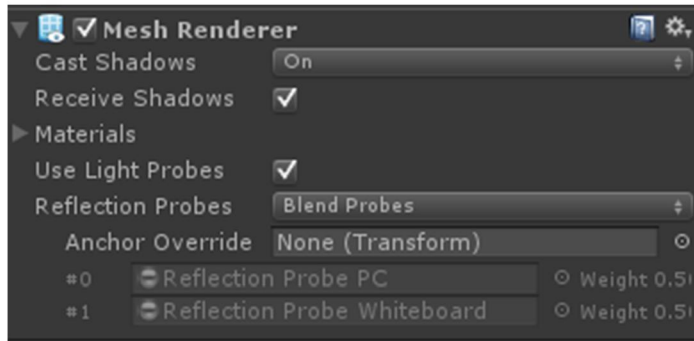
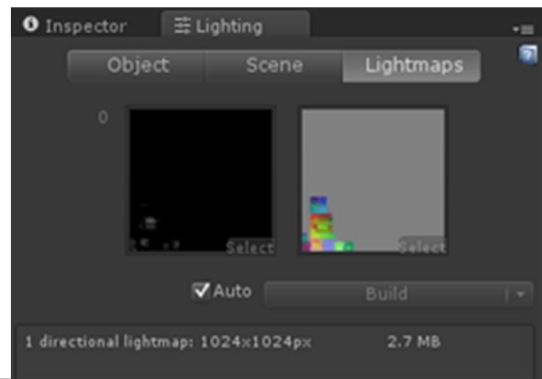
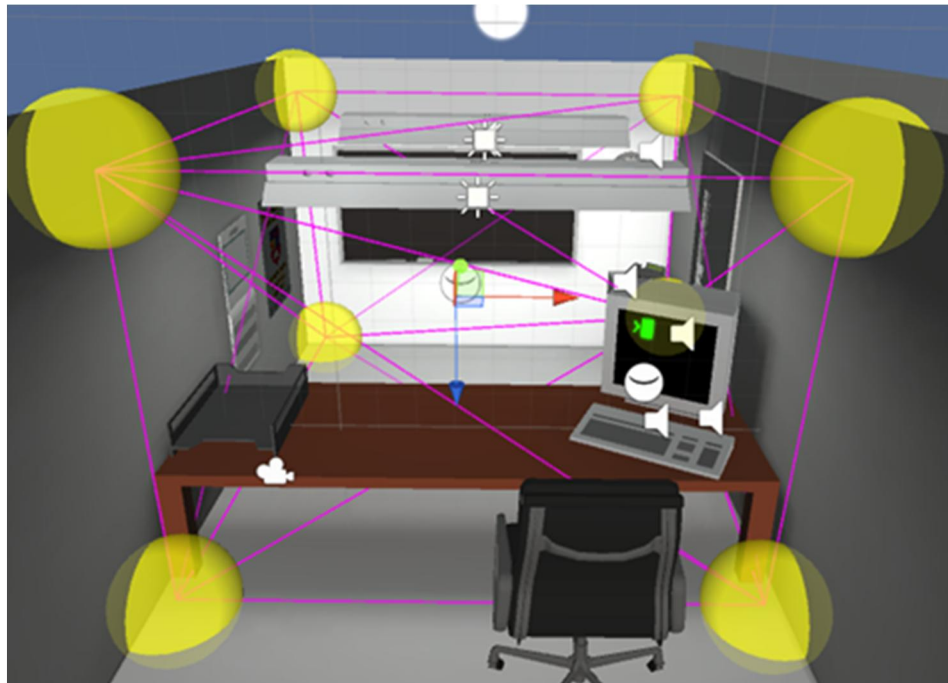
Chapter 4: Physically Based Rendering in Unity5



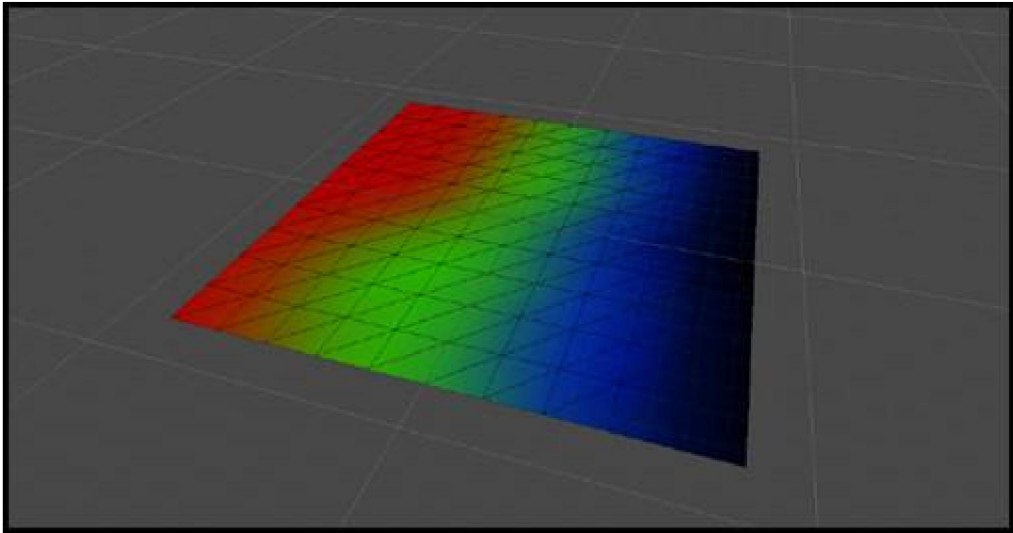
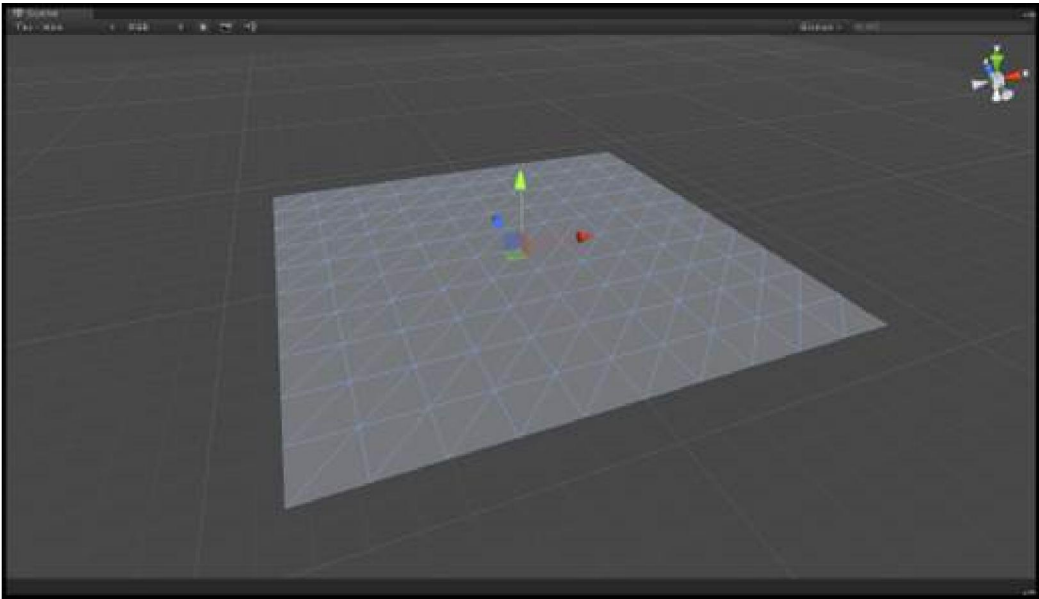


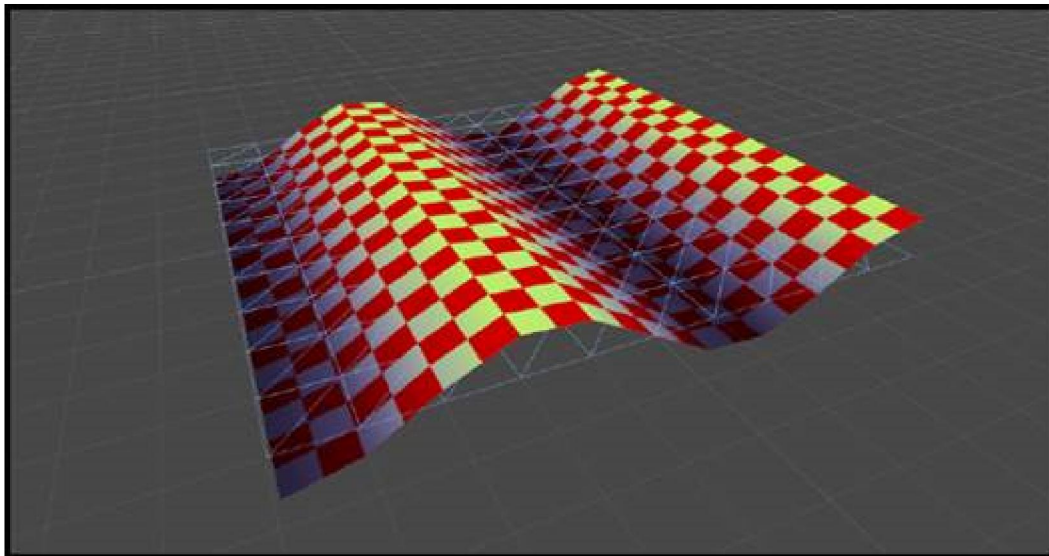
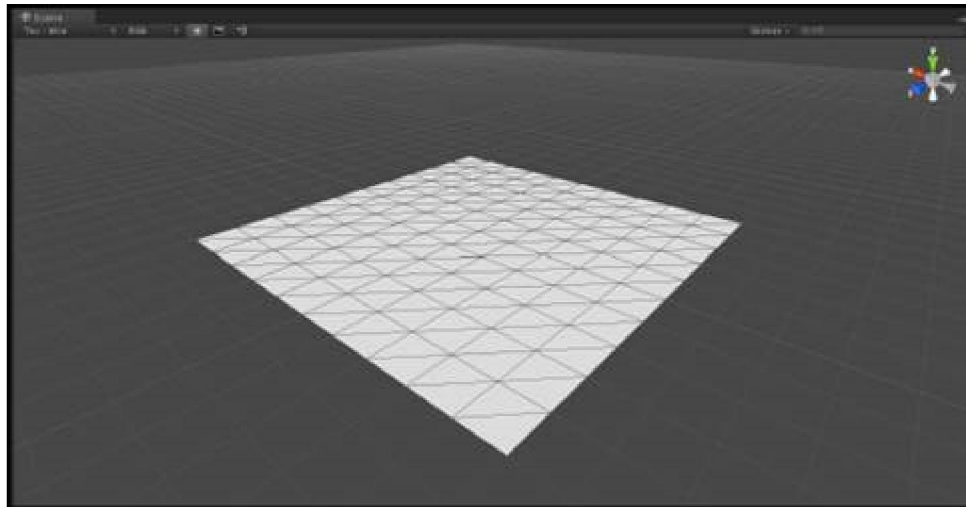


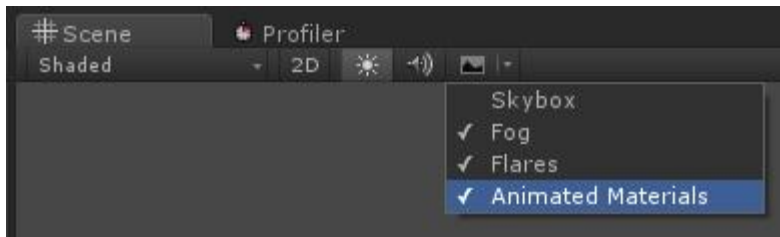


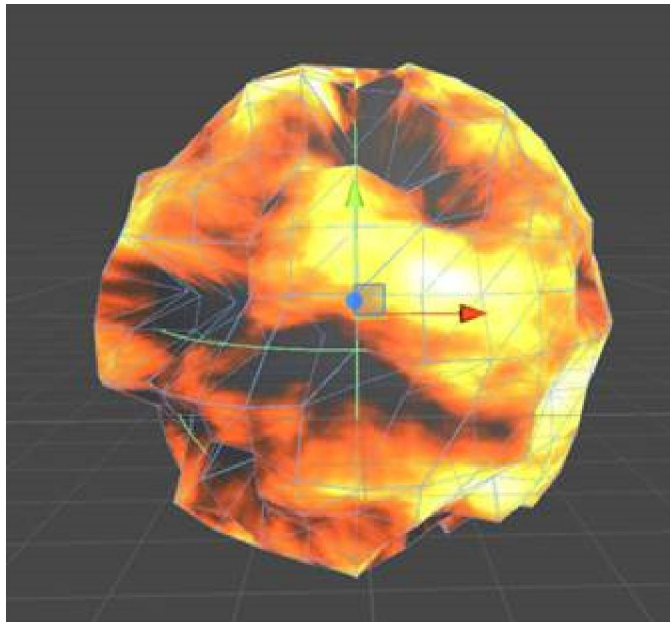


Chapter 5: Vertex modifiers

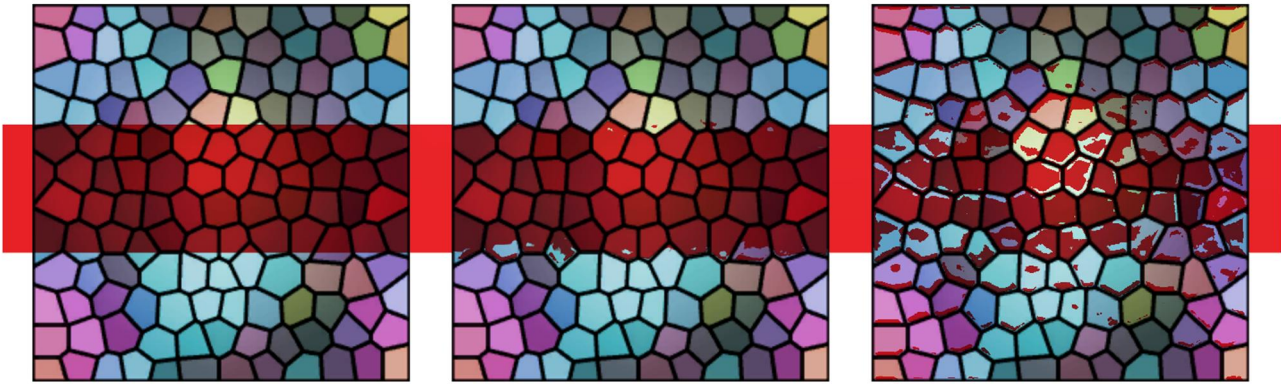


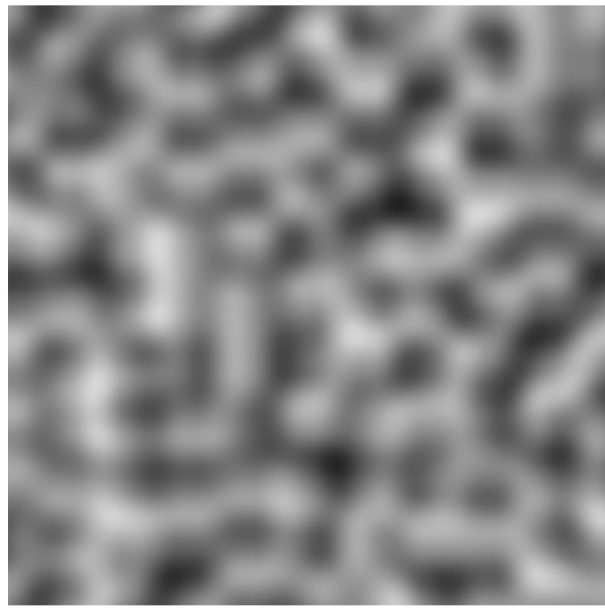






Chapter 6: Fragment shaders: water and glass





Chapter 7: Mobile Shader Adjustment

```
Shader "Cookbook/Chapter08/OptimizedShader001"
{
    Properties
    {
        _MainTex ("Base (RGB)", 2D) = "white" {}
        _NormalMap ("Normal Map", 2D) = "bump" {}
    }

    SubShader
    {
        Tags { "RenderType"="Opaque" }
        LOD 200

        CGPROGRAM
        #pragma surface surf SimpleLambert

        sampler2D _MainTex;
        sampler2D _NormalMap;

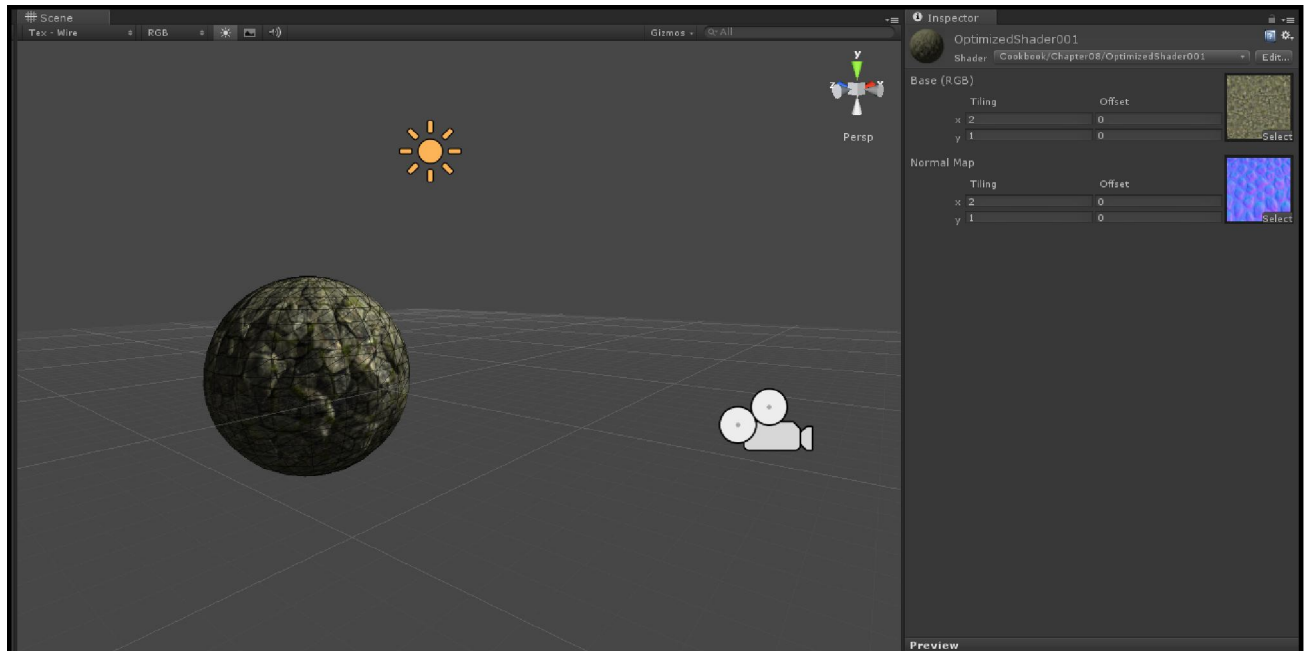
        struct Input
        {
            float2 uv_MainTex;
            float2 uv_NormalMap;
        };

        inline float4 LightingSimpleLambert (SurfaceOutput s, float3 lightDir, float atten)
        {
            float diff = max (0, dot (s.Normal, lightDir));

            float4 c;
            c.rgb = s.Albedo * _LightColor0.rgb * (diff * atten * 2);
            c.a = s.Alpha;
            return c;
        }

        void surf (Input IN, inout SurfaceOutput o)
        {
            float4 c = tex2D (_MainTex, IN.uv_MainTex);

            o.Albedo = c.rgb;
            o.Alpha = c.a;
            o.Normal = UnpackNormal(tex2D(_NormalMap, IN.uv_NormalMap));
        }
        ENDCG
    }
    FallBack "Diffuse"
}
```



```
struct Input
{
    half2 uv_MainTex;
    half2 uv_NormalMap;
};

inline fixed4 LightingSimpleLambert (SurfaceOutput s, fixed3 lightDir, fixed atten)
{
    fixed diff = max (0, dot (s.Normal, lightDir));

    fixed4 c;
    c.rgb = s.Albedo * _LightColor0.rgb * (diff * atten * 2);
    c.a = s.Alpha;
    return c;
}

void surf (Input IN, inout SurfaceOutput o)
{
    fixed4 c = tex2D (_MainTex, IN.uv_MainTex);

    o.Albedo = c.rgb;
    o.Alpha = c.a;
    o.Normal = UnpackNormal (tex2D(_NormalMap, IN.uv_NormalMap));
}
```



```
CGPROGRAM
```

```
#pragma surface surf SimpleLambert noforwardadd
```

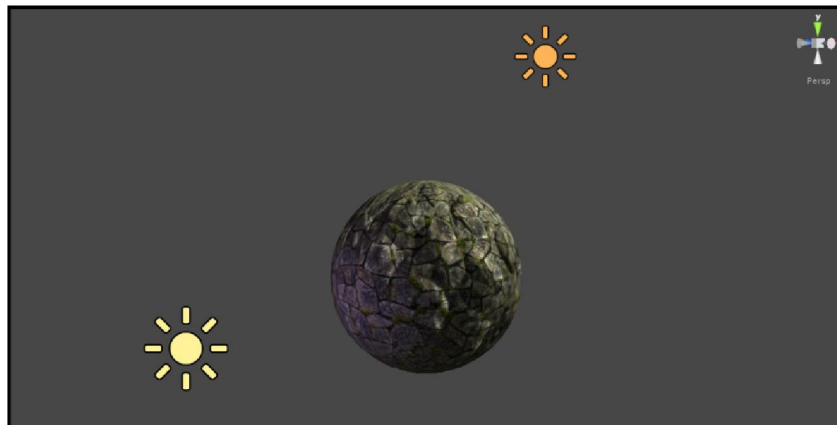
```
void surf (Input IN, inout SurfaceOutput o)  
{  
    fixed4 c = tex2D (_MainTex, IN.uv_MainTex);  
  
    o.Albedo = c.rgb;  
    o.Alpha = c.a;  
    o.Normal = UnpackNormal(tex2D(_NormalMap, IN.uv_MainTex));  
}
```

```
struct Input
```

```
{  
    half2 uv_MainTex;  
};
```

```
CGPROGRAM
```

```
#pragma surface surf SimpleLambert exclude_path:prepass noforwardadd
```



Single Directional Light
Per Pixel Light

Single Point Light
Per Vertex Light

Effect of using noforwardadd in a shader's #pragma statement

Directional light
Main Camera
Sphere
Sphere
Sphere

Persp

Profiler

Record Deep Profile Active Profiler

Selected: Camera.Render

CPU Usage

- Rendering: 16ms (60FPS)
- Scripts: 10ms (100FPS)
- Physics: 5ms (200FPS)
- GarbageCollector
- VSync
- Others

GPU Usage

- Opaque: 33ms (30FPS)
- Transparent
- ShadowMap/Depth
- Deferred PrePass
- Deferred Lighting
- PostProcess

Rendering

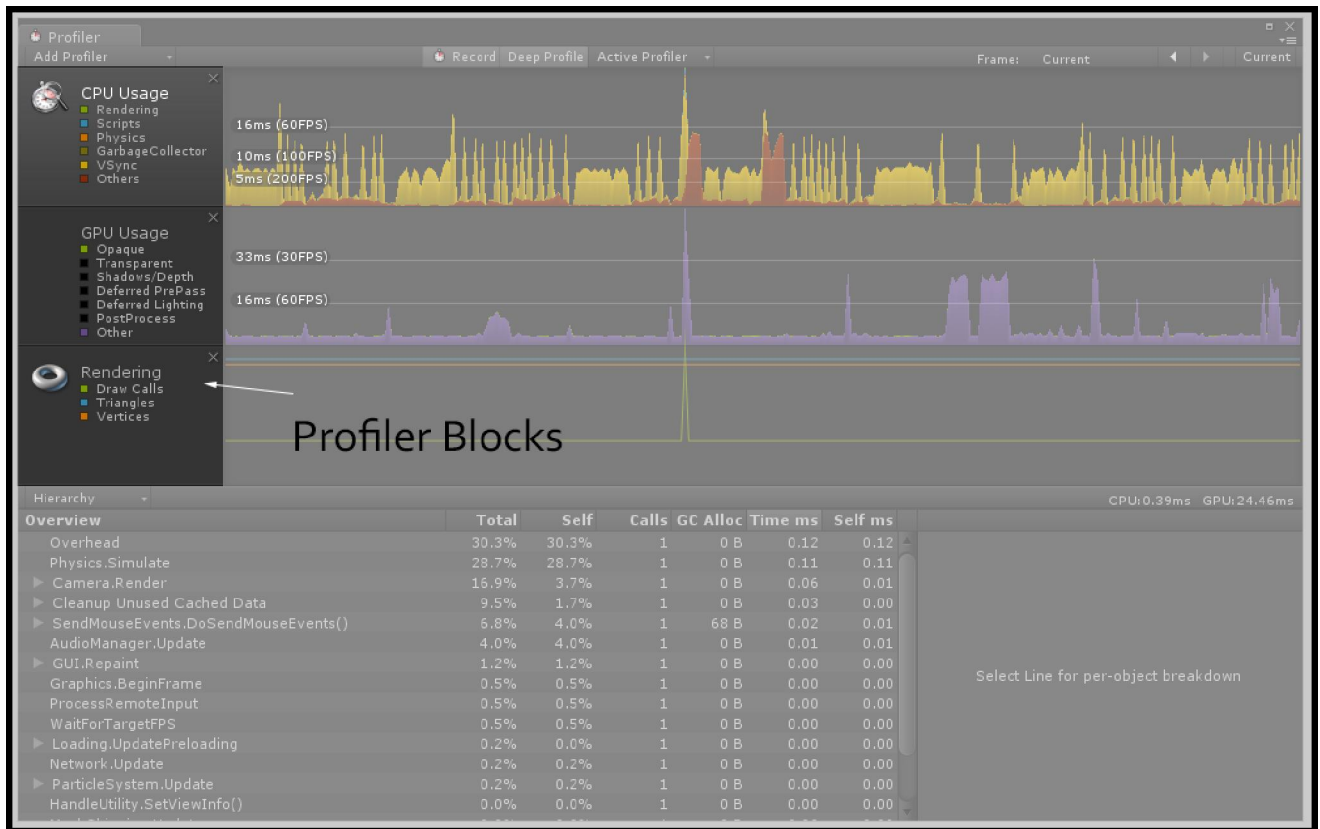
- Draw Calls
- Triangles

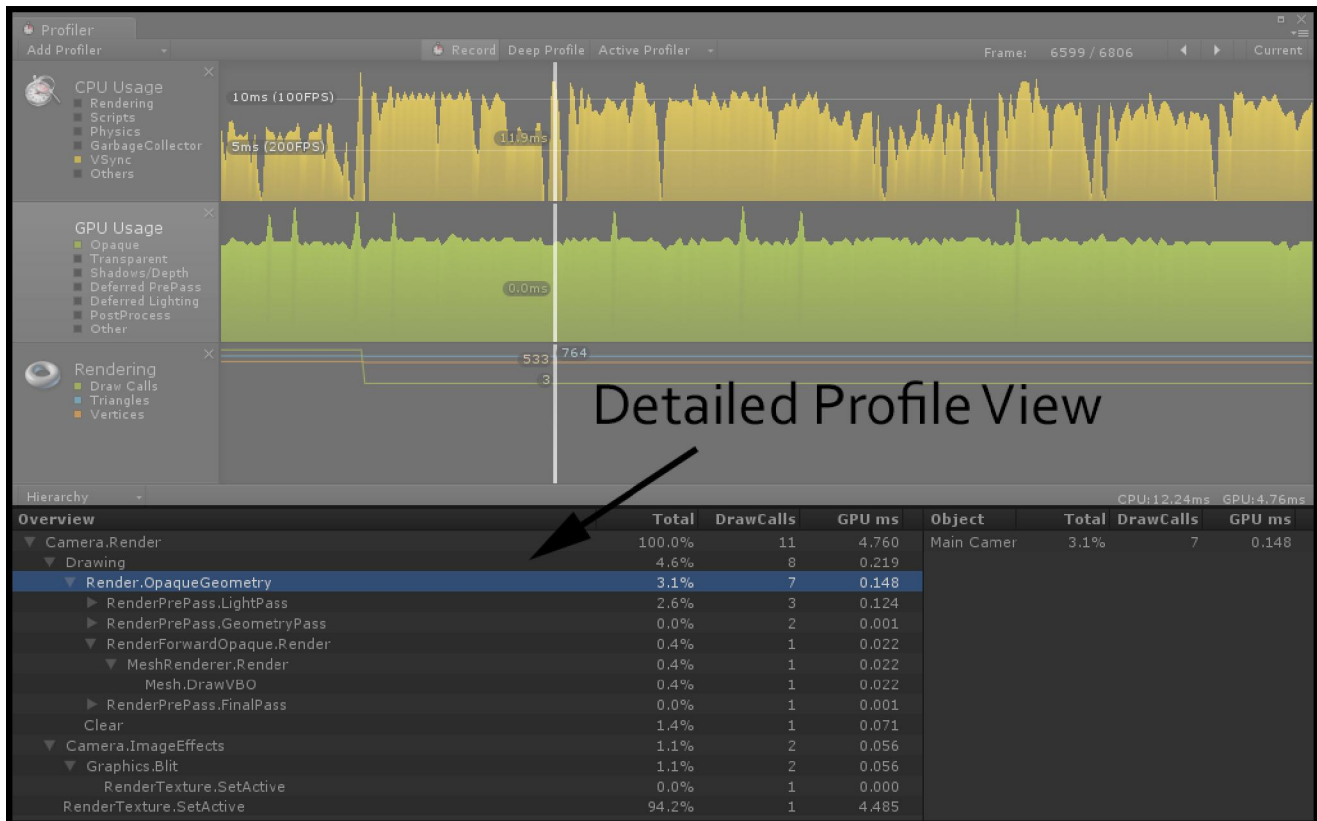
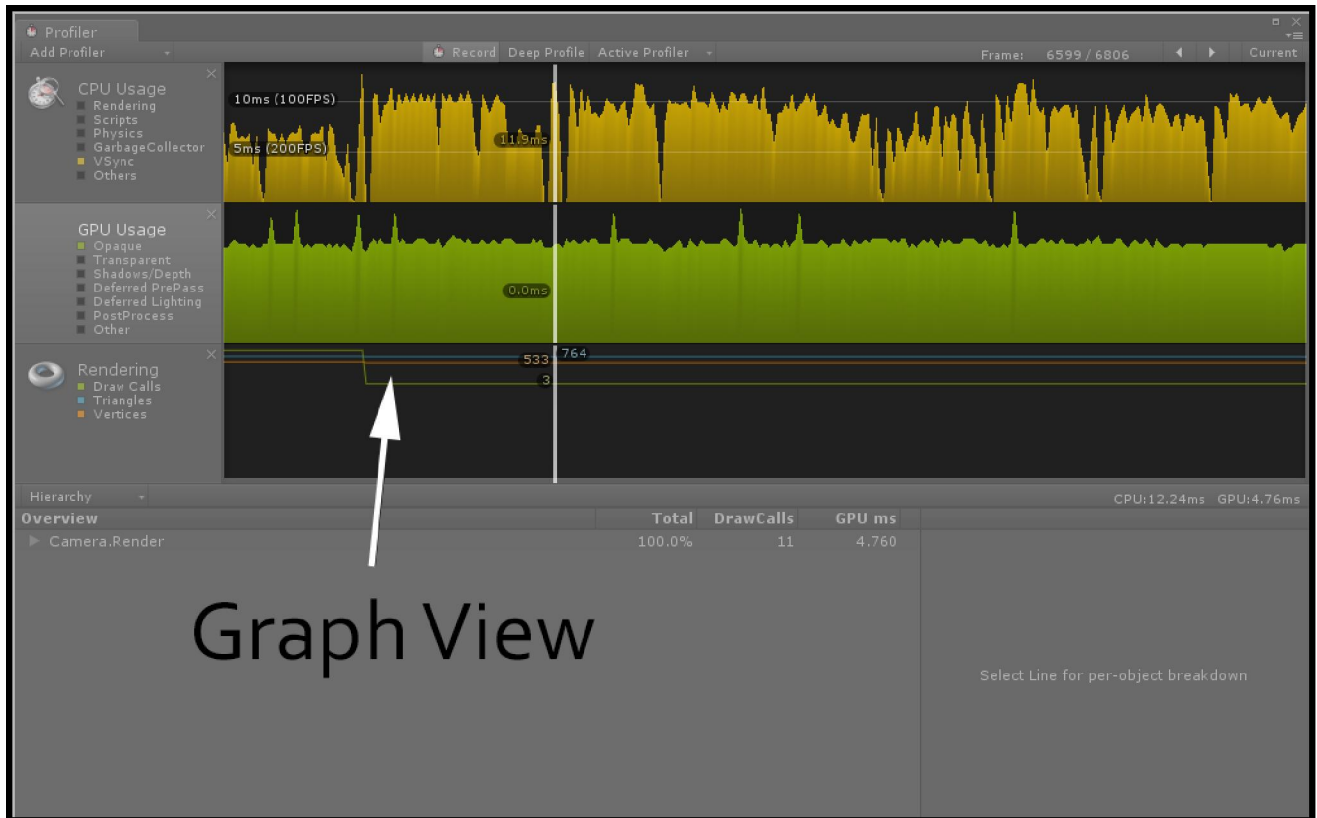
Overview	Total	Self	Calls	GC	Alloc	Time ms	Self ms	Object	Total	Self	Calls	Alloc	Time ms
Overhead	30.3%	30.3%	1	0 B	0.12	0.12							
Physics.Simulate	28.7%	28.7%	1	0 B	0.11	0.11							
Camera.Render	16.9%	3.7%	1	0 B	0.06	0.01							
Cleanup Unused Cached Data	9.5%	1.7%	1	0 B	0.03	0.00							
SendMouseEvents.DoSendMouseEvents()	6.8%	4.0%	1	68 B	0.02	0.01							
AudioManager.Update	4.0%	4.0%	1	0 B	0.01	0.01							
GUI.Repaint	1.2%	1.2%	1	0 B	0.00	0.00							
Graphics.BeginFrame	0.5%	0.5%	1	0 B	0.00	0.00							
ProcessRemoteInput	0.5%	0.5%	1	0 B	0.00	0.00							
WaitForTargetFPS	0.5%	0.5%	1	0 B	0.00	0.00							
Loading.UpdatePreloading	0.2%	0.0%	1	0 B	0.00	0.00							
Network.Update	0.2%	0.2%	1	0 B	0.00	0.00							
ParticleSystem.Update	0.2%	0.2%	1	0 B	0.00	0.00							
RenderPipeline.Renderer.Render	0.0%	0.0%	1	0 B	0.00	0.00							

CPU:0.39ms GPU:24.46ms

Main Ca 16.9% 3.7% 1 0 B 0.00

Open Editor Log





Properties

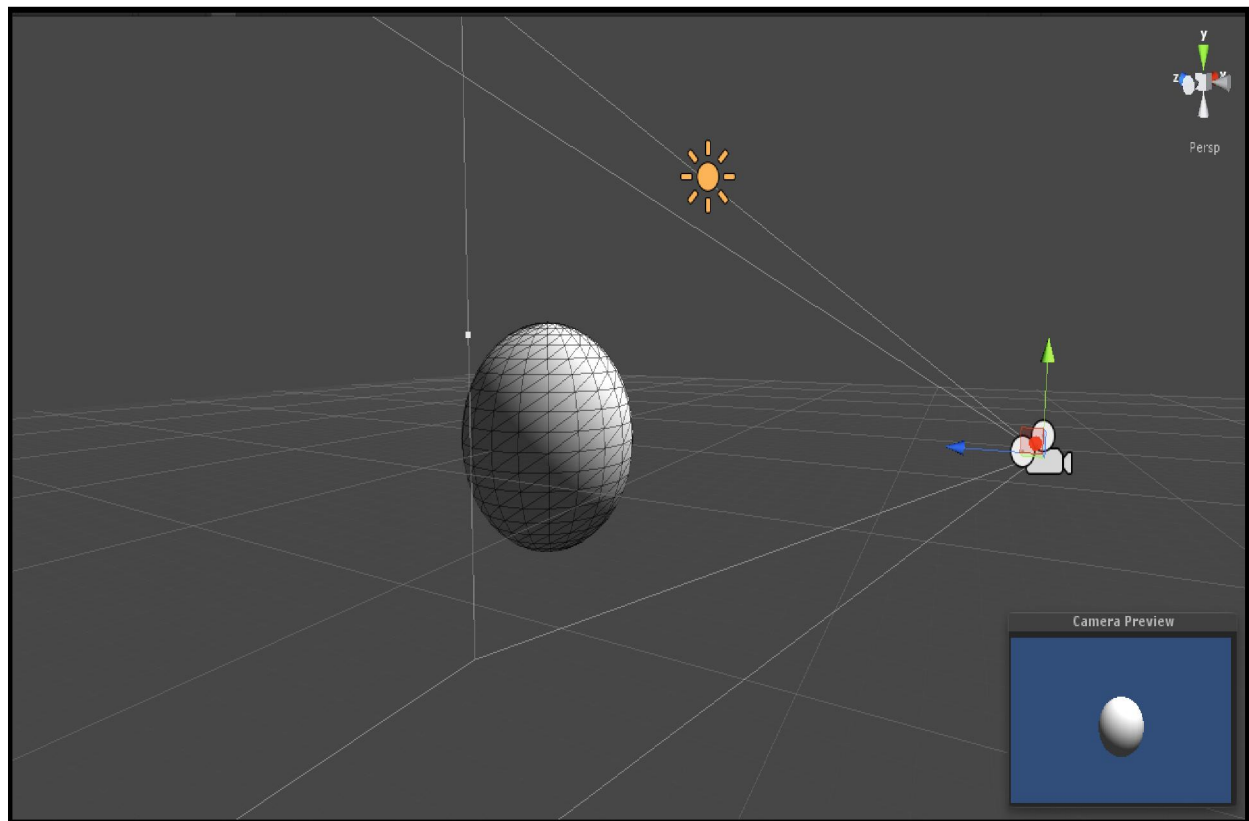
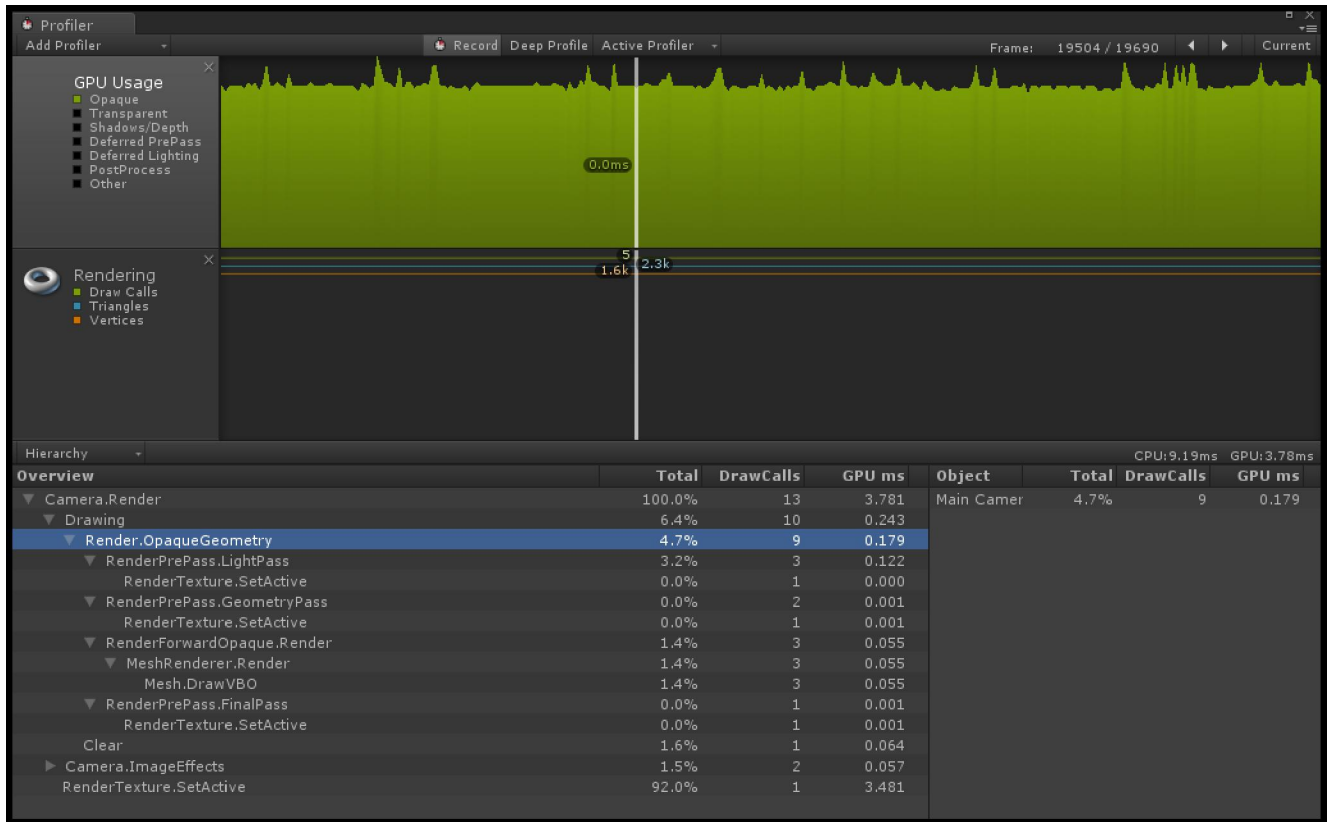
```
{
    _MainTex ("Base (RGB)", 2D) = "white" {}
    _BlendTex ("Blend Texture", 2D) = "white" {}
    _NormalMap ("Normal Map", 2D) = "bump" {}
}
```

```
sampler2D _MainTex;
sampler2D _BlendTex;
sampler2D _NormalMap;
```

```
void surf (Input IN, inout SurfaceOutput o)
{
    fixed4 c = tex2D (_MainTex, IN.uv_MainTex);
    fixed4 blendTex = tex2D (_BlendTex, IN.uv_MainTex);

    c = lerp(c, blendTex, blendTex.r);

    o.Albedo = c.rgb;
    o.Alpha = c.a;
    o.Normal = UnpackNormal(tex2D(_NormalMap, IN.uv_MainTex));
}
```



Properties

```
{
    _Diffuse ("Base (RGB) Specular Amount (A)", 2D) = "white" {}
    _SpecIntensity ("Specular Width", Range(0.01, 1)) = 0.5
    _NormalMap ("Normal Map", 2D) = "bump"{}
}
```

CGPROGRAM

```
#pragma surface surf MobileBlinnPhong exclude_path:prepass nolightmap noforwardadd halfasview
```

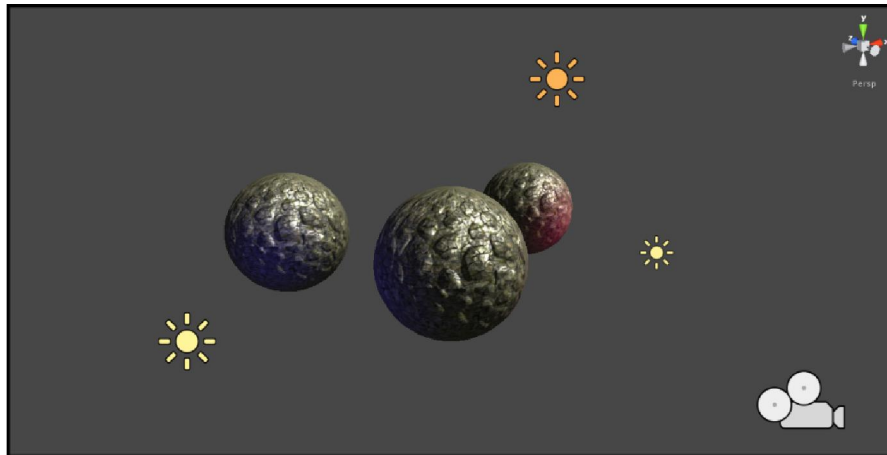
```
sampler2D _Diffuse;
sampler2D _NormalMap;
fixed _SpecIntensity;
```

```
struct Input
{
    half2 uv_Diffuse;
};
```

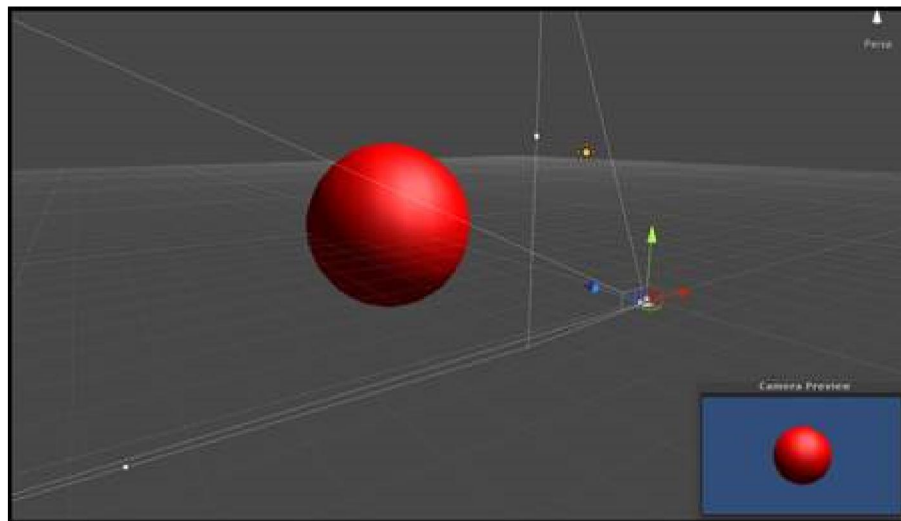
```
inline fixed4 LightingMobileBlinnPhong (SurfaceOutput s, fixed3 lightDir, fixed3 halfDir, fixed atten)
{
    fixed diff = max (0, dot (s.Normal, lightDir));
    fixed nh = max (0, dot (s.Normal, halfDir));
    fixed spec = pow (nh, s.Specular*128) * s.Gloss;

    fixed4 c;
    c.rgb = (s.Albedo * _LightColor0.rgb * diff + _LightColor0.rgb * spec) * (atten*2);
    c.a = 0.0;
    return c;
}
```

```
void surf (Input IN, inout SurfaceOutput o)
{
    fixed4 diffuseTex = tex2D (_Diffuse, IN.uv_Diffuse);
    o.Albedo = diffuseTex.rgb;
    o.Gloss = diffuseTex.a;
    o.Alpha = 0.0;
    o.Specular = _SpecIntensity;
    o.Normal = UnpackNormal (tex2D(_NormalMap, IN.uv_Diffuse));
}
```



Chapter 8: Screen Effects with Unity Render Texture



```
public class TestRenderImage : MonoBehaviour
{
    #region Variables
    public Shader curShader;
    public float grayScaleAmount = 1.0f;
    private Material curMaterial;
    #endregion
}
```



```

        [ExecuteInEditMode]
        public class TestRenderImage : MonoBehaviour
        {
            #region Properties
            Material material
            {
                get
                {
                    if(curMaterial == null)
                    {
                        curMaterial = new Material(curShader);
                        curMaterial.hideFlags = HideFlags.HideAndDontSave;
                    }
                    return curMaterial;
                }
            }
            #endregion

            void Start()
            {
                if(!SystemInfo.supportsImageEffects)
                {
                    enabled = false;
                    return;
                }

                if(!curShader && !curShader.isSupported)
                {
                    enabled = false;
                }
            }

            void OnRenderImage(RenderTexture sourceTexture, RenderTexture destTexture)
            {
                if(curShader != null)
                {
                    material.SetFloat("_LuminosityAmount", grayScaleAmount);
                    Graphics.Blit(sourceTexture, destTexture, material);
                }
                else
                {
                    Graphics.Blit(sourceTexture, destTexture);
                }
            }

            void Update()
            {
                grayScaleAmount = Mathf.Clamp(grayScaleAmount, 0.0f, 1.0f);
            }

            void OnDisable()
            {
                if(curMaterial)
                {
                    DestroyImmediate(curMaterial);
                }
            }
        }

```

Properties

```
{
  _MainTex ("Base (RGB)", 2D) = "white" {}
  _LuminosityAmount ("Grayscale Amount", Range(0.0, 1)) = 1.0
}
```

SubShader

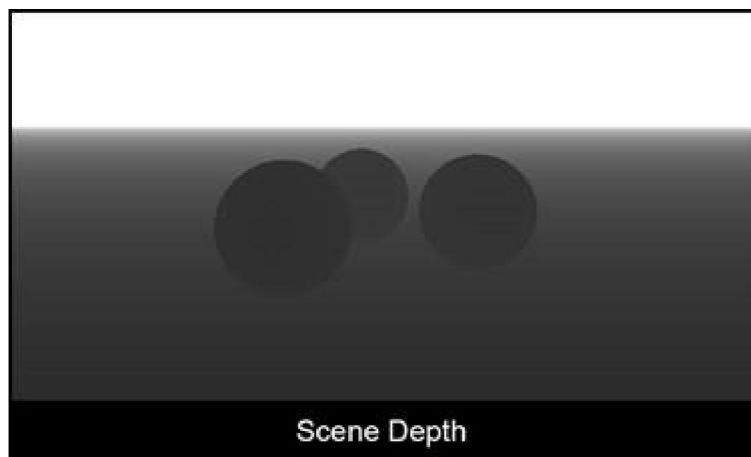
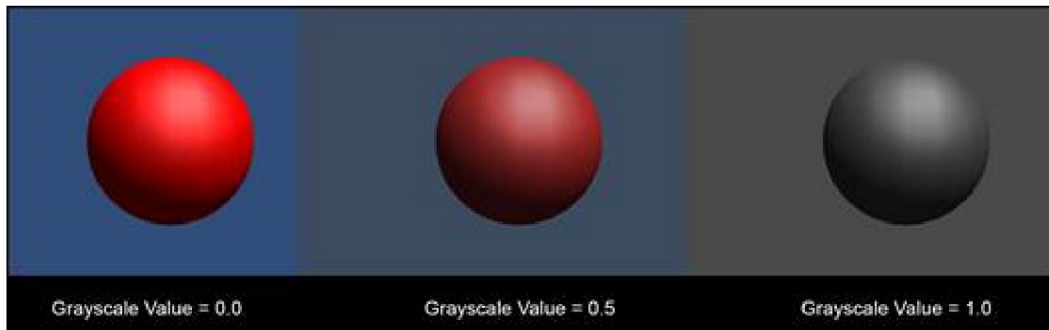
```
{
  Pass
  {
    CGPROGRAM
    #pragma vertex vert_img
    #pragma fragment frag
    #pragma fragmentoption ARB_precision_hint_fastest
    #include "UnityCG.cginc"

    uniform sampler2D _MainTex;
    fixed _LuminosityAmount;

    fixed4 frag(v2f_img i) : COLOR
    {
      //Get the colors from the RenderTexture and the uv's
      //from the v2f_img struct
      fixed4 renderTex = tex2D(_MainTex, i.uv);

      //Apply the Luminosity values to our render texture
      float luminosity = 0.299 * renderTex.r + 0.587 * renderTex.g + 0.114 * renderTex.b;
      fixed4 finalColor = lerp(renderTex, luminosity, _LuminosityAmount);

      return finalColor;
    }
  }
}
```



```

    Properties
    {
        _MainTex ("Base (RGB)", 2D) = "white" {}
        _DepthPower ("Depth Power", Range(1, 5)) = 1
    }
    Pass
    {
        CGPROGRAM
        #pragma vertex vert_img
        #pragma fragment frag
        #pragma fragmentoption ARB_precision_hint_fastest
        #include "UnityCG.cginc"

        uniform sampler2D _MainTex;
        fixed _DepthPower;
        sampler2D _CameraDepthTexture;

fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    float d = UNITY_SAMPLE_DEPTH( tex2D(_CameraDepthTexture, i.uv.xy) );
    d = pow(Linear01Depth(d), _DepthPower);

    return d;
}

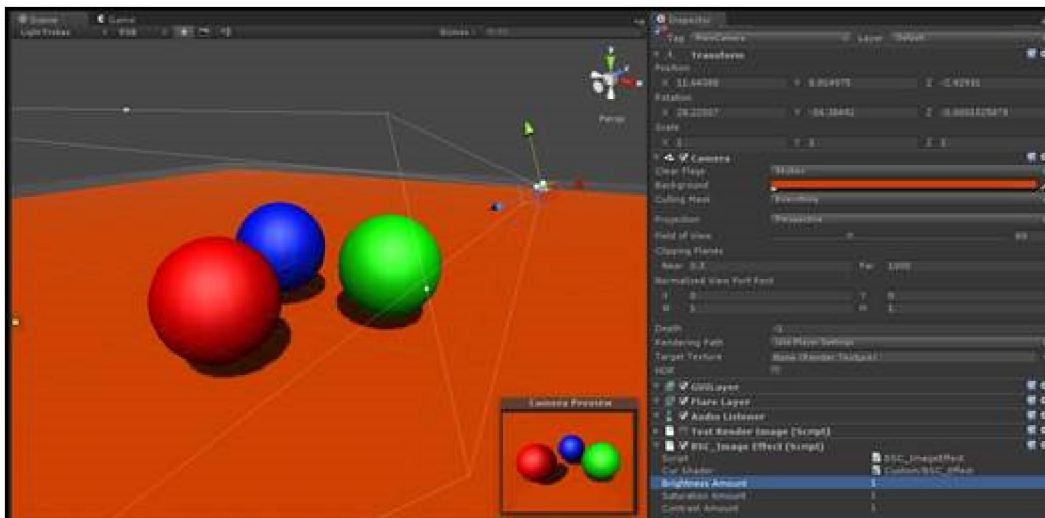
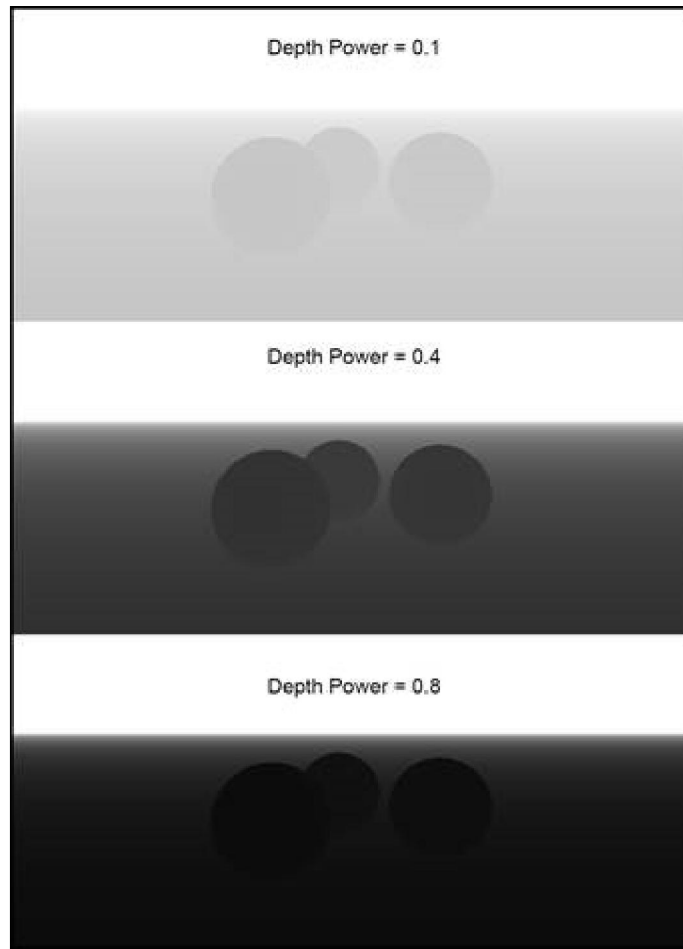
    #region Variables
    public Shader curShader;
    private Material curMaterial;

    public float depthPower = 1.0f;
    #endregion

    void OnRenderImage(RenderTexture sourceTexture, RenderTexture destTexture)
    {
        if(curShader != null)
        {
            material.SetFloat("_DepthPower", depthPower);
            Graphics.Blit(sourceTexture, destTexture, material);
        }
        else
        {
            Graphics.Blit(sourceTexture, destTexture);
        }
    }

    void Update()
    {
        Camera.main.depthTextureMode = DepthTextureMode.Depth;
        depthPower = Mathf.Clamp(depthPower, 0, 5);
    }

```



```

Properties
{
    _MainTex ("Base (RGB)", 2D) = "white" {}
    _BrightnessAmount ("Brightness Amount", Range(0.0, 1)) = 1.0
    _satAmount ("Saturation Amount", Range(0.0, 1)) = 1.0
    _conAmount ("Contrast Amount", Range(0.0, 1)) = 1.0
}

Pass
{
    CGPROGRAM
    #pragma vertex vert_img
    #pragma fragment frag
    #pragma fragmentoption ARB_precision_hint_fastest
    #include "UnityCG.cginc"

    uniform sampler2D _MainTex;
    fixed _BrightnessAmount;
    fixed _satAmount;
    fixed _conAmount;

float3 ContrastSaturationBrightness(float3 color, float brt, float sat, float con)
{
    // Increase or decrease these values to
    //adjust r, g and b color channels seperately
    float AvgLumR = 0.5;
    float AvgLumG = 0.5;
    float AvgLumB = 0.5;

    //Luminance coefficients for getting luminance from the image
    float3 LuminanceCoeff = float3(0.2125, 0.7154, 0.0721);

    //Operation for brightness
    float3 AvgLumin = float3(AvgLumR, AvgLumG, AvgLumB);
    float3 brtColor = color * brt;
    float intensityf = dot(brtColor, LuminanceCoeff);
    float3 intensity = float3(intensityf, intensityf, intensityf);

    //Operation for Saturation
    float3 satColor = lerp(intensity, brtColor, sat);

    //Operation for Contrast
    float3 conColor = lerp(AvgLumin, satColor, con);
    return conColor;
}

fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    fixed4 renderTex = tex2D(_MainTex, i.uv);

    //Apply the Brightness, saturation, contrast operations
    renderTex.rgb = ContrastSaturationBrightness(renderTex.rgb,
                                                _BrightnessAmount,
                                                _satAmount,
                                                _conAmount);

    return renderTex;
}

```

```

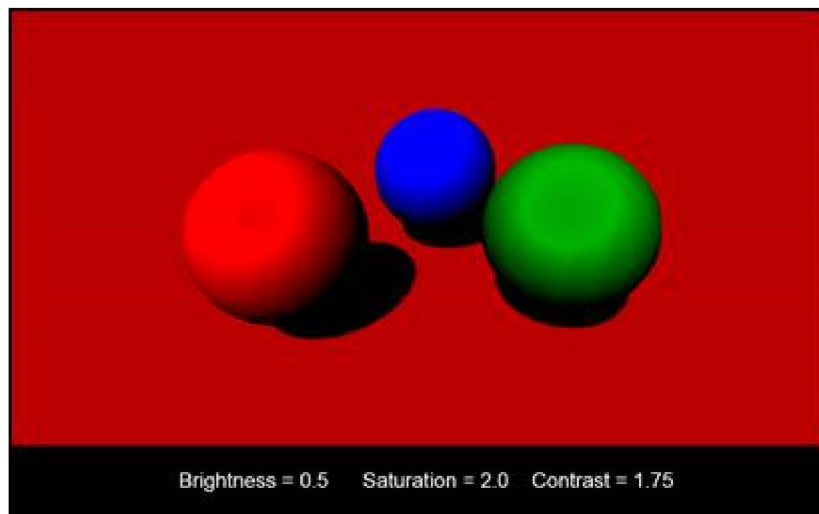
        #region Variables
        public Shader curShader;
        public float brightnessAmount = 1.0f;
        public float saturationAmount = 1.0f;
        public float contrastAmount = 1.0f;
        private Material curMaterial;
        #endregion

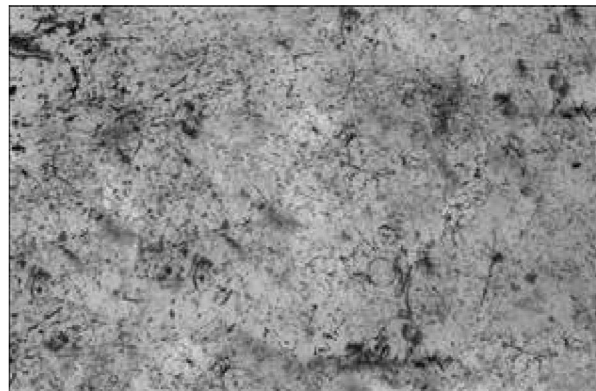
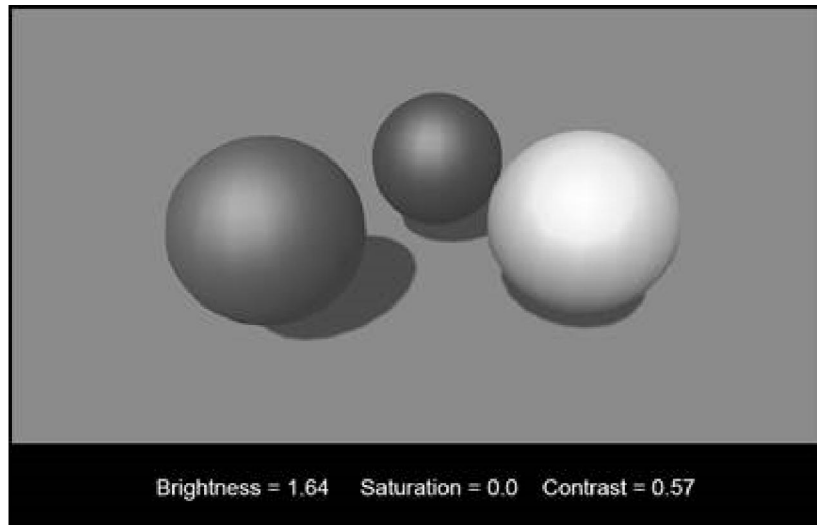
void OnRenderImage(RenderTexture sourceTexture, RenderTexture destTexture)
{
    if(curShader != null)
    {
        material.SetFloat("_BrightnessAmount", brightnessAmount);
        material.SetFloat("_satAmount", saturationAmount);
        material.SetFloat("_conAmount", contrastAmount);

        Graphics.Blit(sourceTexture, destTexture, material);
    }
    else
    {
        Graphics.Blit(sourceTexture, destTexture);
    }
}

void Update()
{
    brightnessAmount = Mathf.Clamp(brightnessAmount, 0.0f, 2.0f);
    saturationAmount = Mathf.Clamp(saturationAmount, 0.0f, 2.0f);
    contrastAmount = Mathf.Clamp(contrastAmount, 0.0f, 3.0f);
}

```





Properties

```
{  
  _MainTex ("Base (RGB)", 2D) = "white" {}  
  _BlendTex ("Blend Texture", 2D) = "white"{}  
  _Opacity ("Blend Opacity", Range(0,1)) = 1  
}
```

Pass

```
{  
  CGPROGRAM  
  #pragma vertex vert_img  
  #pragma fragment frag  
  #pragma fragmentoption ARB_precision_hint_fastest  
  #include "UnityCG.cginc"  
  
  uniform sampler2D _MainTex;  
  uniform sampler2D _BlendTex;  
  fixed _Opacity;  
}
```

```

fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    fixed4 renderTex = tex2D(_MainTex, i.uv);
    fixed4 blendTex = tex2D(_BlendTex, i.uv);

    //Perform a multiply Blend mode
    fixed4 blendedMultiply = renderTex * blendTex;

    //Adjust amount of Blend Mode with a lerp
    renderTex = lerp(renderTex, blendedMultiply, _Opacity);

    return renderTex;
}

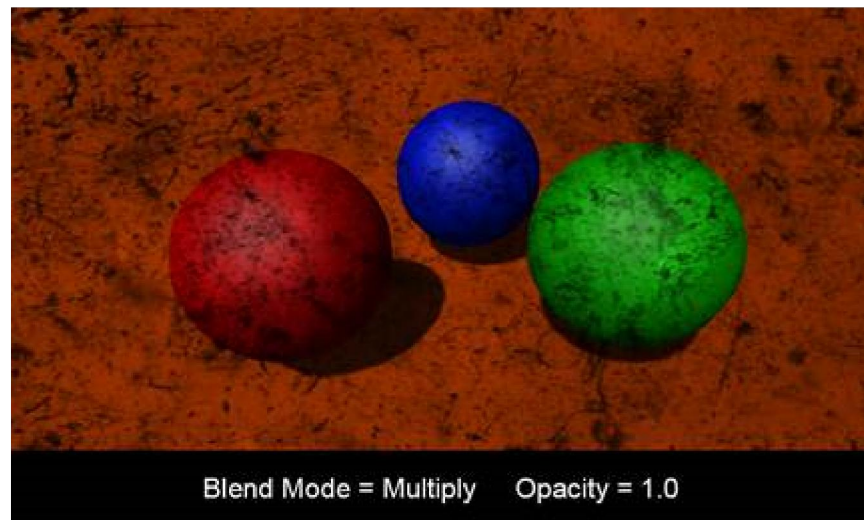
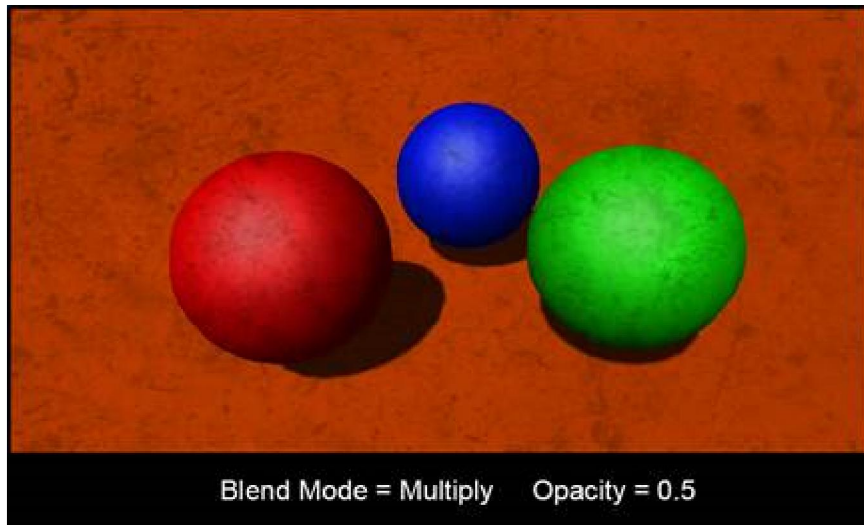
#region Variables
public Shader curShader;
public Texture2D blendTexture;
public float blendOpacity = 1.0f;
private Material curMaterial;
#endregion

void OnRenderImage(RenderTexture sourceTexture, RenderTexture destTexture)
{
    if(curShader != null)
    {
        material.SetTexture("_BlendTex", blendTexture);
        material.SetFloat("_Opacity", blendOpacity);

        Graphics.Blit(sourceTexture, destTexture, material);
    }
    else
    {
        Graphics.Blit(sourceTexture, destTexture);
    }
}

void Update()
{
    blendOpacity = Mathf.Clamp(blendOpacity, 0.0f, 1.0f);
}

```

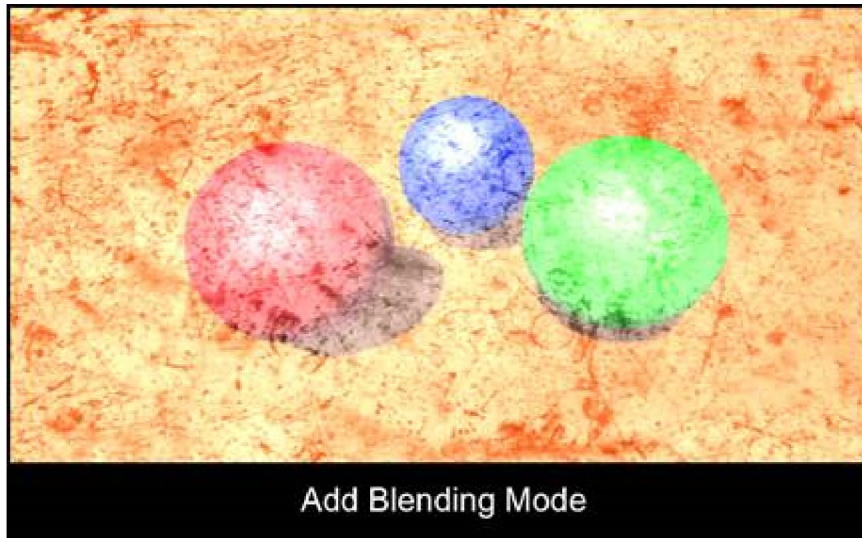



```
fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    fixed4 renderTex = tex2D(_MainTex, i.uv);
    fixed4 blendTex = tex2D(_BlendTex, i.uv);

    //Perform a multiply Blend mode
    //fixed4 blendedMultiply = renderTex * blendTex;
    fixed4 blendedMultiply = renderTex + blendTex;

    //Adjust amount of Blend Mode with a lerp
    renderTex = lerp(renderTex, blendedMultiply, _Opacity);

    return renderTex;
}
```

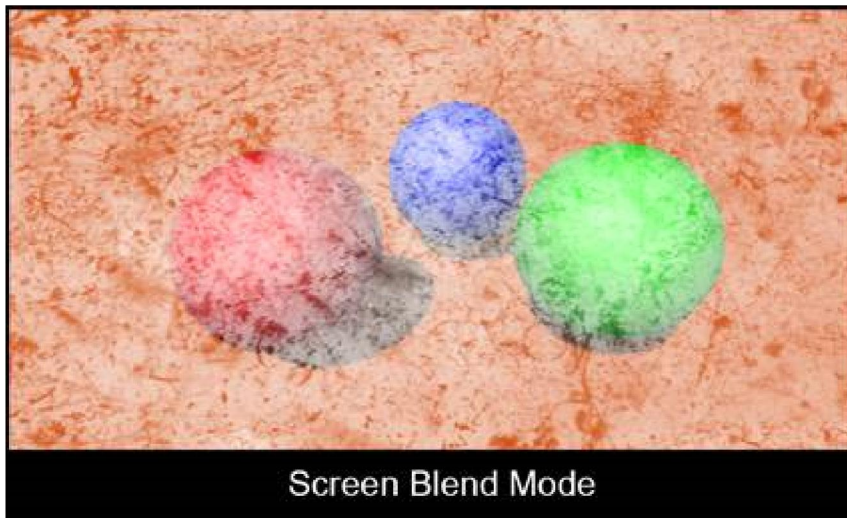


```
fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    fixed4 renderTex = tex2D(_MainTex, i.uv);
    fixed4 blendTex = tex2D(_BlendTex, i.uv);

    //Perform a multiply Blend mode
    //fixed4 blendedMultiply = renderTex * blendTex;
    //fixed4 blendedAdd = renderTex + blendTex;
    fixed4 blendedScreen = (1.0 - ((1.0 - renderTex) * (1.0 - blendTex)));

    //Adjust amount of Blend Mode with a lerp
    renderTex = lerp(renderTex, blendedScreen, _Opacity);

    return renderTex;
}
```



```

Properties
{
    _MainTex ("Base (RGB)", 2D) = "white" {}
    _BlendTex ("Blend Texture", 2D) = "white"{}
    _Opacity ("Blend Opacity", Range(0,1)) = 1
}

Pass
{
    CGPROGRAM
    #pragma vertex vert_img
    #pragma fragment frag
    #pragma fragmentoption ARB_precision_hint_fastest
    #include "UnityCG.cginc"

    uniform sampler2D _MainTex;
    uniform sampler2D _BlendTex;
    fixed _Opacity;

fixed OverlayBlendMode(fixed basePixel, fixed blendPixel)
{
    if(basePixel < 0.5)
    {
        return (2.0 * basePixel * blendPixel);
    }
    else
    {
        return (1.0 - 2.0 * (1.0 - basePixel) * (1.0 - blendPixel));
    }
}

fixed4 frag(v2f_img i) : COLOR
{
    //Get the colors from the RenderTexture and the uv's
    //from the v2f_img struct
    fixed4 renderTex = tex2D(_MainTex, i.uv);
    fixed4 blendTex = tex2D(_BlendTex, i.uv);

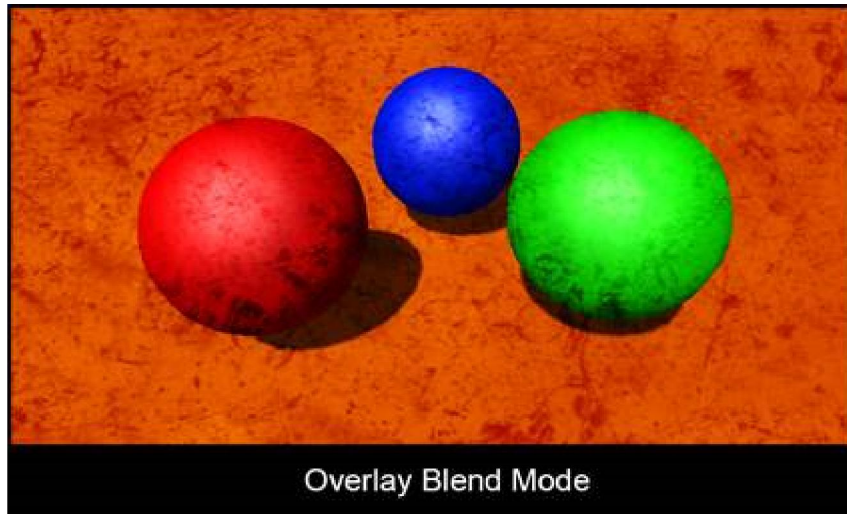
    fixed4 blendedImage = renderTex;

    blendedImage.r = OverlayBlendMode(renderTex.r, blendTex.r);
    blendedImage.g = OverlayBlendMode(renderTex.g, blendTex.g);
    blendedImage.b = OverlayBlendMode(renderTex.b, blendTex.b);

    //Adjust amount of Blend Mode with a lerp
    renderTex = lerp(renderTex, blendedImage, _Opacity);

    return renderTex;
}

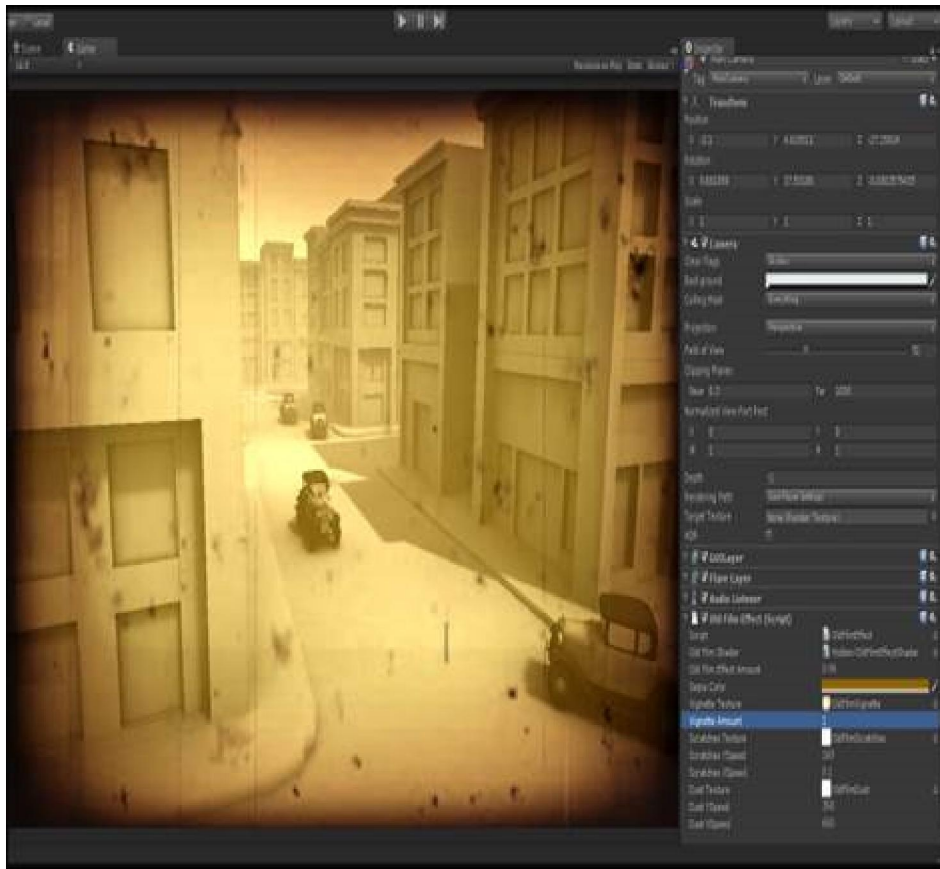
```

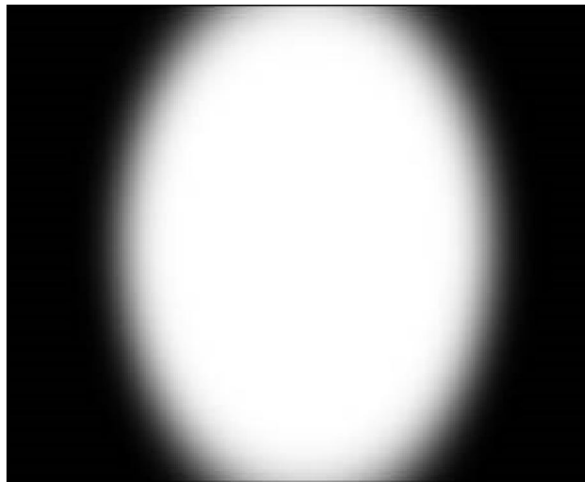
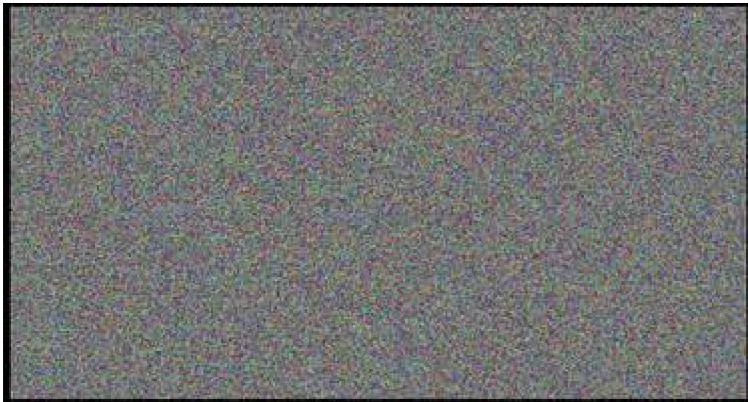


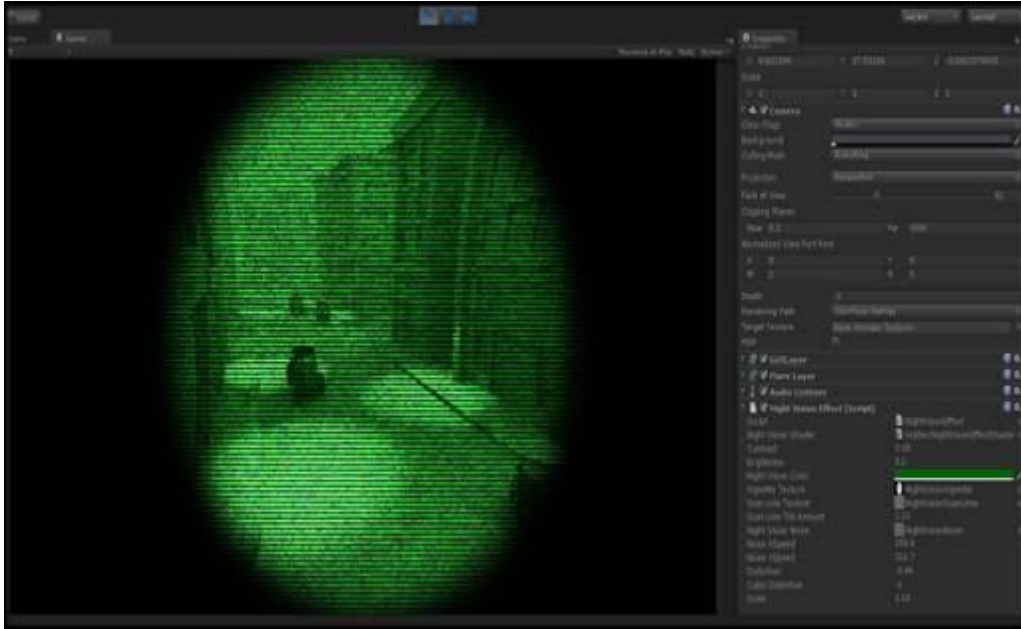
Chapter 9: Gameplay and Screen Effects



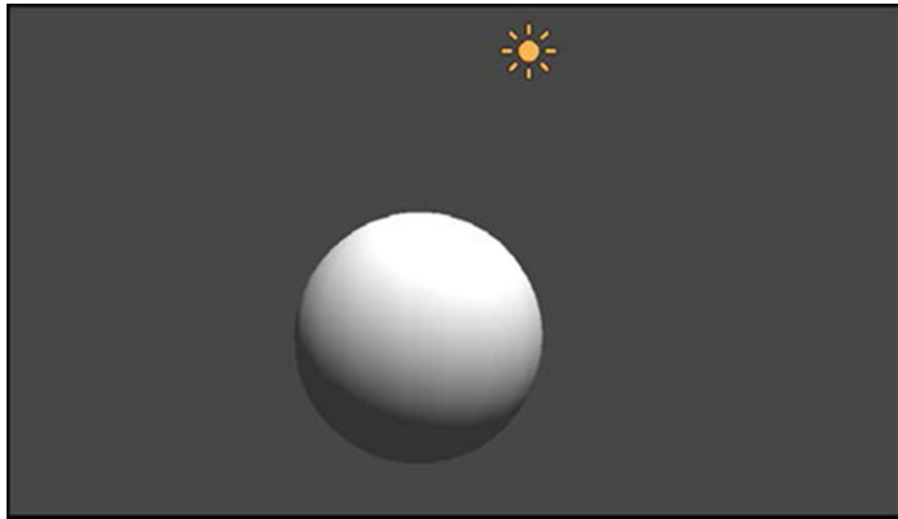


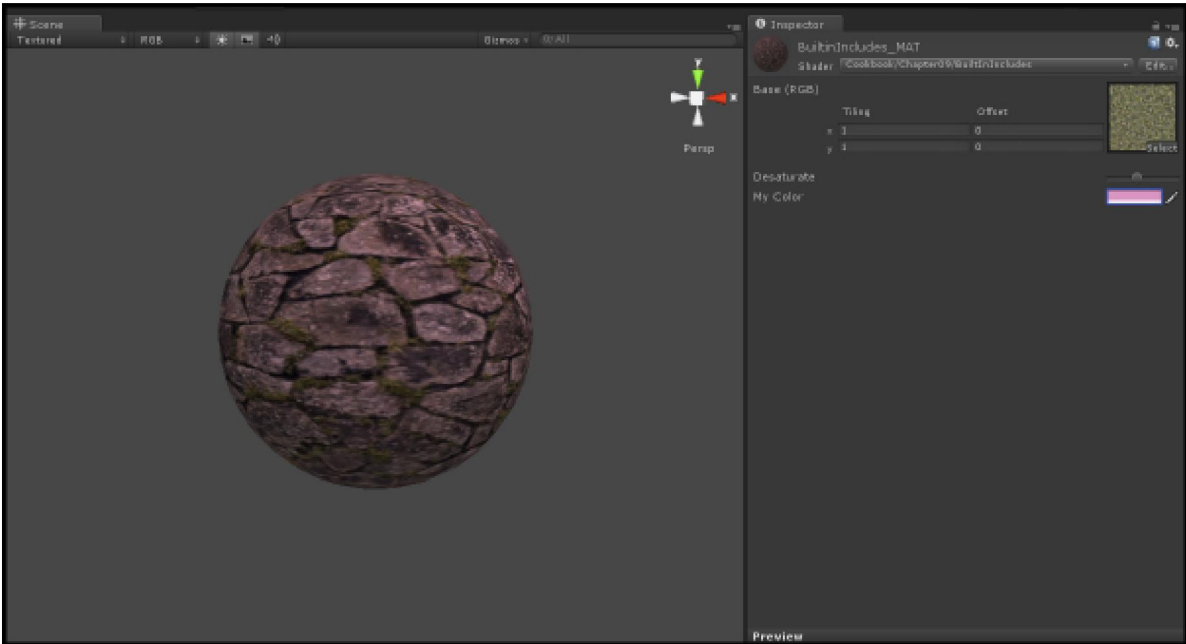


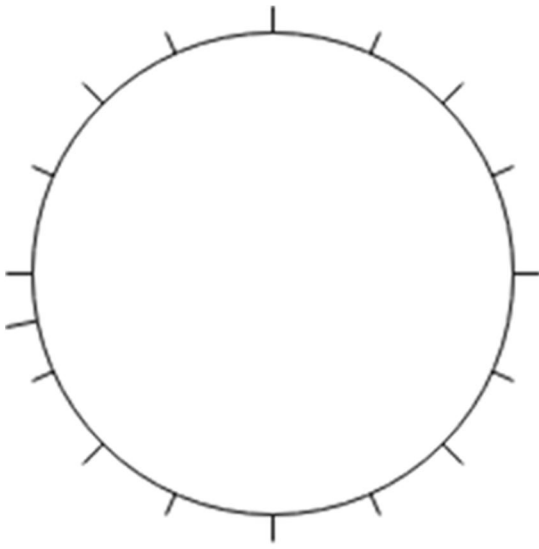
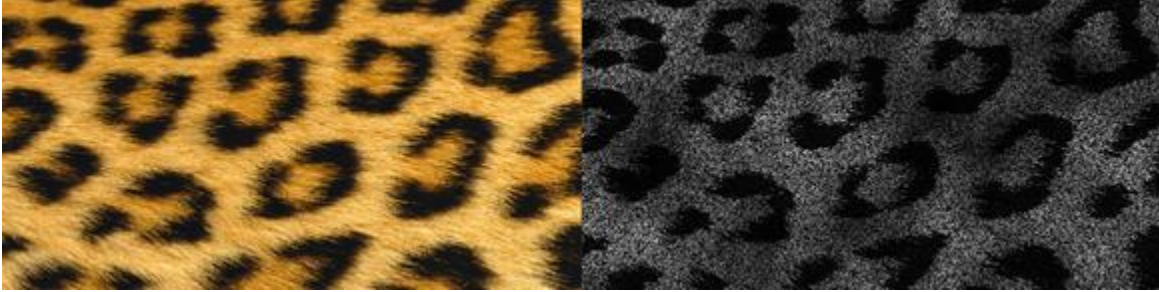




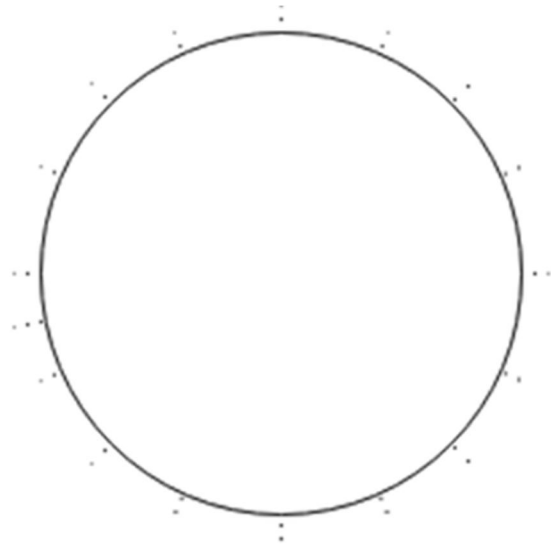
Chapter 10: Advanced shading techniques



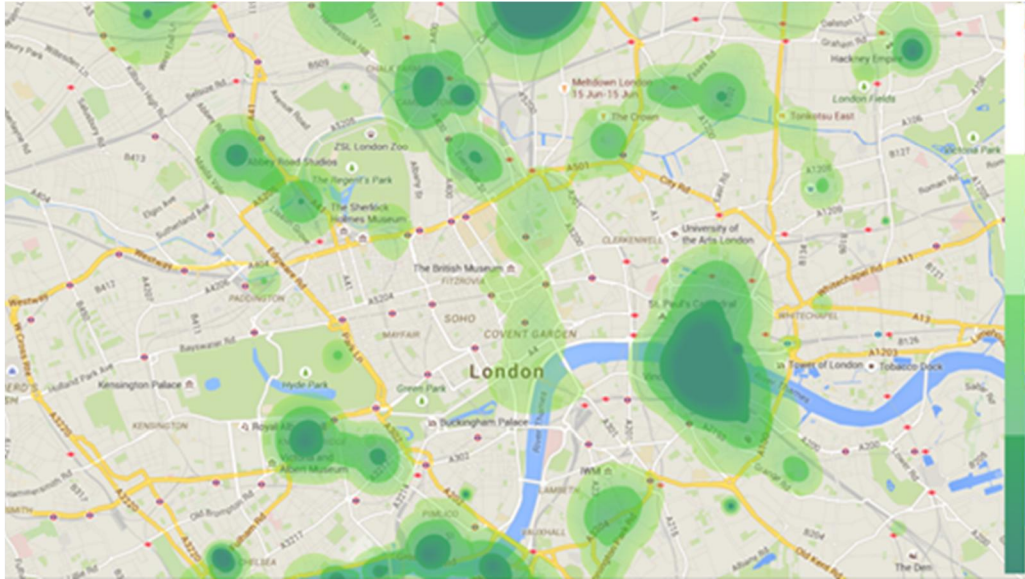




Real fur: solid geometry



Shell fur: several spheres



▼ Heatmap (Script)

Script

▼ Positions

Size	3		
Element 0	X 0	Y 0	Z 0
Element 1	X 0.1	Y -0.15	Z 0
Element 2	X 0.1	Y 0.2	Z 0

▼ Radiuses

Size	3
Element 0	0.25
Element 1	0.1
Element 2	0.1

▼ Intensities

Size	3
Element 0	0.75
Element 1	1
Element 2	2

Material