

# Setting A Scene Using Lighting and Camera Angle

A tutorial of creating  
different effects

# Light Types

- Distant- applied from the sun or moon
- Point- from candles or light bulbs
- Spot- cone of light in one direction, hard edge
- Linear- fluorescent tubes, soft edge
- Area- similar to spot only with more “real-world” light and shadows

# Ways to Light

- Realistic- creating a scene that gives the implication of being lit completely by light sources present in the scene.
- Non-realistic/Fantasy- creating a scene that has unnatural lighting to create a specific mood or to show off specific details.

Realistic



# Fantasy



# Using the Spotlight

- Distant spotlight
- Highlight
- Backlight
- Fill lights



# Problem Areas

Creating Emphasis



# Keys to Highlights/Backlights

- No Shadows- this defeats lighting purpose
- Low Intensity- this creates a soft feel
- Specific Cone Sizes- accents specific areas
- Multiple Lights- maximizes detail

# Effects of Colored Lighting



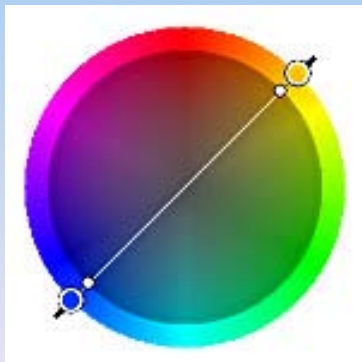
# Color Meanings

- Blue- tranquility
- Red- passion
- White- purity
- Yellow- idealism
- Green- fertility
- Black- power
- Orange- vibrancy
- Purple- nobility

# Color Schemes



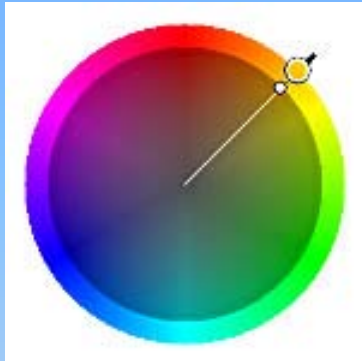
**Analogous color scheme**



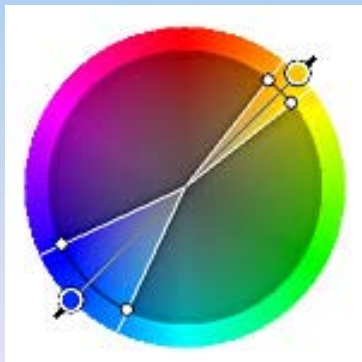
**Complementary color scheme**

<http://www.color-wheel-pro.com/color-schemes.html>

# Color Schemes



**Monochromatic color scheme**



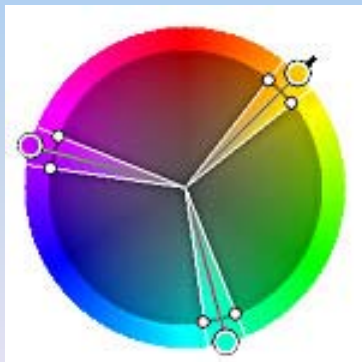
**Split complementary color scheme**

<http://www.color-wheel-pro.com/color-schemes.html>

# Color Schemes



**Tetradic (double complementary) color scheme**



**Triadic color scheme**

<http://www.color-wheel-pro.com/color-schemes.html>

# Camera Angles

How to Imply Scene Effects

# Common Camera Angles

- Eye Level- familiarity with subject
- Low Angle- gives power to subject
- High Angle- gives audience power

Eye Level



# Low Angle

A low-angle photograph of a tall tree with white bark and autumn foliage against a blue sky. The tree trunk is on the left, extending upwards. The canopy is filled with orange and yellow leaves. The sky is a clear, deep blue. The text 'Low Angle' is in the top right corner.

<http://brandonfiles.blogspot.com/>

# High Angle



<http://www.shatters.net/~impulse/Misc/Earth-18000BCE.jpg>

# Conclusion

While modeling and layout are key factors to success when using lightwave, lighting and camera angle are crucial to setting the mood of a scene and conveying the intended message

# Shane Hilton

On lighting and camera angle