

# Converting Colors

HunterLab(63.9707, -15.0659,  
-35.5032)

Have a look what the booklet for  
HunterLab(63.9707, -15.0659,  
-35.5032) contains.

<b>HunterLab(64.0364, -14.9675, -35.6964)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(64.0364,  
-14.9675, -35.6964)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48B6EE
RGB	72, 182, 238
RGB Percent	28%, 71%, 93%
CMY	0.7176, 0.2863, 0.0667
CMYK	0.70, 0.24, 0.00, 0.07
HSL	200°, 83%, 61%
HSV	200°, 70%, 93%
XYZ	34.8330, 41.0066, 86.9680
YIQ	155.4940, -83.5360, -5.9040

# Conversions

## Conversions Part 2

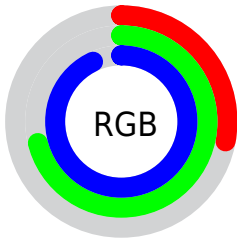
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	72, 138, 238
Decimal	4765422
CIE Lab	70.18, -13.66, -36.98
CIE LCh	70, 39.418, 249.730
Yxy	41.0080, 0.2140, 0.2519
Android (android.graphics.Color)	4282955502 (0xFF48B6EE)
YUV	155.4940, 40.6755, -73.2242
Hunter-Lab	64.0364, -14.9675, -35.6964

# Details

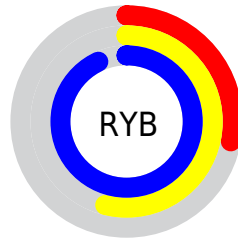
The HunterLab color **64.0364, -14.9675, -35.6964** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **58.3833, 32.8146, 30.3220**, and the grayscale version is **57.3188, -3.0584, 3.1142**.

A 20% lighter version of the original color is **85.8908, -27.4742, -12.8627**, and **43.6783, -9.8493, -33.3323** is the 20% darker color. If you saturate the color by 10%, you get **60.8837, -13.3368, -41.4894**, and if you desaturate by 10%, it is **67.4464, -15.7237, -29.8226**.

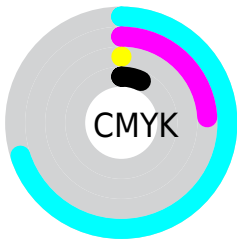
# Distribution



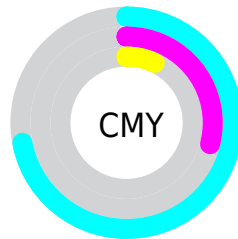
- Red (28%)
- Green (71%)
- Blue (93%)



- Red (28%)
- Yellow (54%)
- Blue (93%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (72%)
- Magenta (29%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0364, -14.9675, -35.6964 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 64.0364, -14.9675, -35.6964 by changing the saturation by 10% instead.



64.0364, -14.9675,  
-35.6964

64.0364, -14.9675,  
-35.6964

187.1775,  
-26.8228, -39.5293

53.2216, -13.6460,  
-35.0561

87.5763, -17.5844,  
-36.8761

43.0942, -12.3071,  
-34.4115

100.2349,  
-18.8897, -37.4006

33.7057, -10.9392,  
-33.8074

113.4506,  
-20.1969, -37.8767

25.1198, -9.5248,  
-33.3417

127.2010,  
-21.5081, -38.3034

17.4198, -8.0341,  
-33.2452

141.4659,  
-22.8252, -38.6812

10.7228, -6.4800,  
-34.1670

156.2276,

1.4177, -2.4810,

-24.1493, -39.0106

-154.4312

171.4696,  
-25.4816, -39.2929

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.0364, -14.9675,  
-35.6964

■ 64.0364, -14.9675,  
-35.6964

■ 60.8837, -13.3368,  
-41.4894

■ 67.4464, -15.7237,  
-29.8226

■ 57.9865, -10.8350,  
-47.1666

■ 71.1016, -15.6416,  
-23.9134

■ 55.3187, -7.5794,  
-52.7421

■ 74.9903, -14.7771,  
-18.0043

■ 55.2517, -7.4919,  
-52.8870

■ 79.0981, -13.1968,  
-12.1241

■ 83.4100, -10.9699,

-6.2936

■ 87.9114, -8.1641,  
-0.5267

■ 92.5882, -4.8426,  
5.1690

■ 96.6894, -3.6089,  
9.9148

■ 99.2397, -7.8338,  
12.6870

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.0375, -27.9075, -21.3110



64.0364, -14.9675, -35.6964



64.0375, 2.5306, -38.1594

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.0375, -14.9672, -35.6951



64.0375, 34.3577, 8.8008



64.0375, -24.0614, 23.9773

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.0364, -14.9675, -35.6964



58.3833, 32.8146, 30.3220

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.0375, -9.1616, 28.1735



64.0364, -14.9675, -35.6964



64.0375, 25.4082, 21.1509

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.0375, -14.9672, -35.6951



64.0375, 32.3606, -8.9920



64.0375, 9.0075, 27.3057



64.0375, -32.7422, 13.8684



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.0364, -14.9675, -35.6964



64.0375, 14.6500, -32.1711



64.0375, 9.0075, 27.3057



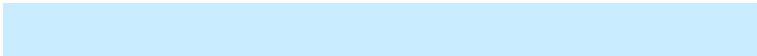
64.0375, -19.6854, 25.9796

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.0375, -14.9672, -35.6951



89.5714, -12.2229, -7.6442



80.0431, -57.3381, 33.3592



40.8356, -5.9831, -4.3433

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.0375, -14.9672, -35.6951



64.3786, -13.3018, -47.6929



40.7474, 27.8357, -92.1039



41.2048, -3.7833, -0.1758



41.5690, -6.0683, -38.8578



12.7299, -2.8811, -9.6918



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51.1770, 70.9599, -18.4958



51.2250, 86.4898, -18.6085



80.5633, -9.0222, 44.9715



39.9193, 2.6445, 0.1911



33.9673, 62.2819, -9.9258

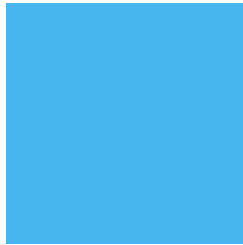


9.8909, 18.3000, -4.1627



# Previews

## White Background



This preview shows how the HunterLab color 64.0364, -14.9675, -35.6964 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

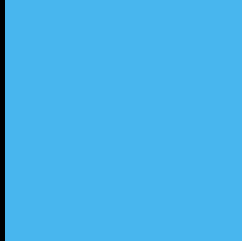
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.0364, -14.9675, -35.6964 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

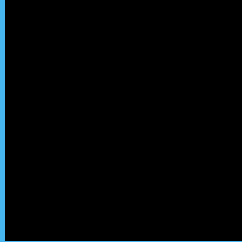
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

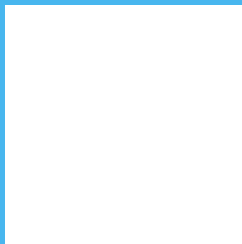
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 64.0364, -14.9675, -35.6964 Background



This preview shows how black text looks on a background with the HunterLab color 64.0364, -14.9675, -35.6964.



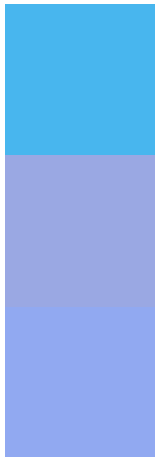
This preview shows how white text looks on a background with the HunterLab color 64.0364, -14.9675, -35.6964.

-14.9675, -35.6964.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

64.0364, -14.9675, -35.6964

### Protanopia

63.5778, 4.3951, -28.5186

### Deuteranopia

63.8330, 5.0184, -37.8749



## Tritanopia

63.9957, -28.0325, -13.9831

# Trichromacy



## Original Color

64.0364, -14.9675, -35.6964

## Protanomaly

63.1995, -4.1773, -32.0546

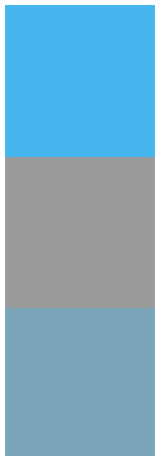
## Deuteranomaly

63.5727, -3.6137, -37.7745

## Tritanomaly

63.9887, -23.7161, -21.1810

# Monochromacy



## Original Color

64.0364, -14.9675, -35.6964

## Achromatopsia

57.2519, -3.0548, 3.1106

## Achromatomaly

58.9687, -10.3575, -9.9942

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.0364, -14.9675, -35.6964 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(72, 182, 238)` looks like.

```
.text, #text, p{  
    color:rgb(72, 182, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(72, 182, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 182, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.0364, -14.9675, -35.6964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(72, 182, 238) }
```



If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(72, 182, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(72, 182, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 182, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 182, 238);  
box-shadow:4px 4px 4px 4px rgb(72, 182,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.0364, -14.9675, -35.6964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 182, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(72, 182,  
238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor