

# Converting Colors

HunterLab(64.9514, -3.1331,  
-38.1598)

Have a look what the booklet for  
HunterLab(64.9514, -3.1331,  
-38.1598) contains.

<b>HunterLab(64.9514, -3.1331, -38.1598)</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(64.9514, -3.1331,  
-38.1598)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7BB1F4
RGB	123, 177, 244
RGB Percent	48%, 69%, 96%
CMY	0.5176, 0.3059, 0.0431
CMYK	0.50, 0.27, 0.00, 0.04
HSL	213°, 85%, 72%
HSV	213°, 50%, 96%
XYZ	40.2196, 42.1868, 91.6109
YIQ	168.4920, -53.6910, 9.3890

# Conversions

## Conversions Part 2

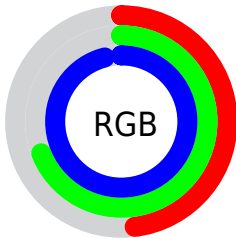
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 160, 244
Decimal	8106484
CIE Lab	71.00, 0.38, -38.81
CIE LCh	71, 38.812, 270.562
Yxy	42.1884, 0.2311, 0.2424
Android (android.graphics.Color)	4286296564 (0xFF7BB1F4)
YUV	168.4920, 37.2254, -39.8965
Hunter-Lab	64.9514, -3.1331, -38.1598

# Details

The HunterLab color **64.9514, -3.1331, -38.1598** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **75.8234, 6.9062, 32.1887**, and the grayscale version is **62.6472, -3.3427, 3.4037**.

A 20% lighter version of the original color is **86.4621, -15.1296, -11.8630**, and **43.9452, -2.3560, -36.3923** is the 20% darker color. If you saturate the color by 10%, you get **59.6083, -0.6537, -48.4127**, and if you desaturate by 10%, it is **70.5848, -4.7683, -28.4825**.

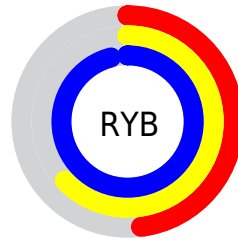
# Distribution



Red (48%)

Green (69%)

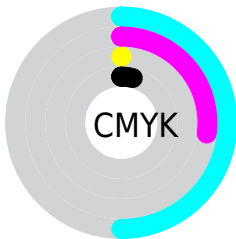
Blue (96%)



Red (48%)

Yellow (63%)

Blue (96%)

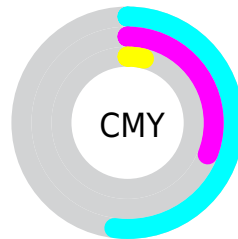


Cyan (50%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (52%)

Magenta (31%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9514, -3.1331, -38.1598 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 64.9514, -3.1331, -38.1598 by changing the saturation by 10% instead.



■ 64.9514, -3.1331,  
-38.1598

■ 64.9514, -3.1331,  
-38.1598

188.4843, -9.5880,  
-42.3175

■ 54.0822, -2.5724,  
-37.4986

■ 88.5916, -4.3591,  
-39.3978

■ 43.8966, -2.0495,  
-36.8428

■ 101.2967, -5.0207,  
-39.9567

■ 34.4455, -1.5676,  
-36.2423

■ 114.5570, -5.7127,  
-40.4692

■ 25.7910, -1.1303,  
-35.8041

128.3503, -6.4337,  
-40.9337

■ 18.0147, -0.7427,  
-35.7757

142.6565, -7.1828,  
-41.3502

■ 11.2298, -0.4121,  
-36.8366

157.4581, -7.9587,

■ 3.3283, 0.3208,

-41.7191

-74.3154

172.7389, -8.7608,  
-42.0411

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9514, -3.1331,  
-38.1598

■ 64.9514, -3.1331,  
-38.1598

■ 59.6083, -0.6537,  
-48.4127

■ 70.5848, -4.7683,  
-28.4825

■ 54.5914, 2.7940,  
-59.2672

■ 76.4708, -5.6782,  
-19.3379

■ 49.9458, 7.3224,  
-70.6966

■ 82.5816, -5.9684,  
-10.6670

■ 45.7157, 12.9967,  
-82.6050

■ 88.8931, -5.7297,  
-2.4108

■ 41.9181, 19.7230,

■ 95.3848, -5.0385,

-94.8837

5.4866

■ 41.7682, 20.0114,  
-95.4055

■ 99.6553, -7.2277,  
10.3595

# Harmonies

## Analogous

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



64.9526, -19.4445, -31.6777



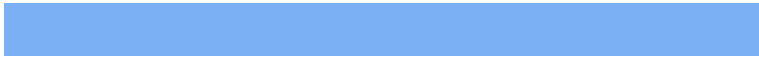
64.9514, -3.1331, -38.1598



64.9526, 14.8602, -31.1992

# Triad

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



64.9526, -3.1331, -38.1584



64.9526, 28.6968, 18.0036



64.9526, -30.6621, 17.5843

# Complementary

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



64.9514, -3.1331, -38.1598



75.8234, 6.9062, 32.1887

# 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.



64.9526, -19.9674, 25.7817



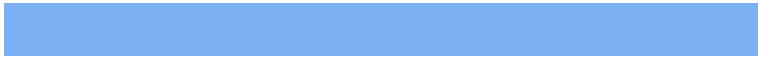
64.9514, -3.1331, -38.1598



64.9526, 14.2169, 25.9739

# Square

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



64.9526, -3.1331, -38.1584



64.9526, 34.4078, 3.8541



64.9526, -3.8046, 28.3877

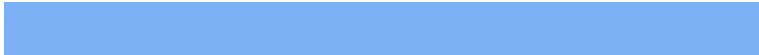


64.9526, -34.2644, 3.2154



# Rectangle

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



64.9514, -3.1331, -38.1598



64.9526, 25.1246, -20.7251



64.9526, -3.8046, 28.3877



64.9526, -27.8385, 20.9994

# Sweetspot

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



64.9526, -3.1331, -38.1584



89.8202, -6.2245, -7.2125



85.2123, -44.8743, 18.0042



40.9091, -2.8969, -4.1912

0.0000, NaN, NaN

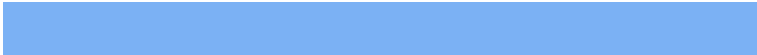


46.2646, -2.4686, 2.5136



# Same Dimension

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



64.9526, -3.1331, -38.1584



62.3693, -0.5147, -51.5140



50.3691, 26.9388, -69.2386



41.4056, -2.6647, -1.0844



31.2240, 13.8321, -68.8868



10.2892, 2.0075, -17.1942



# Inverse Universe

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



60.4772, 48.6129, -2.6629



58.0307, 62.3136, -2.1484



91.8155, -22.3144, 44.0838



40.7498, 2.3068, 1.2768



33.2920, 58.8929, 6.9444

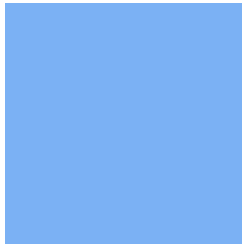


9.9725, 17.8339, 0.5861



# Previews

## White Background



This preview shows how the HunterLab color 64.9514, -3.1331, -38.1598 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

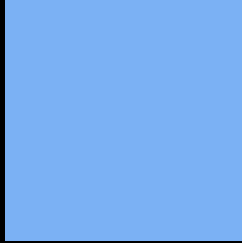
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 64.9514, -3.1331, -38.1598 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

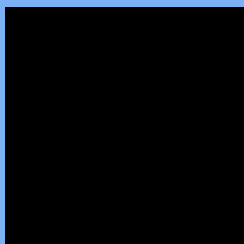
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

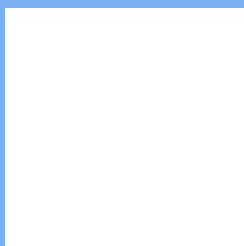
Any Text WCAG AAA ✓ Pass

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

## HunterLab 64.9514, -3.1331, -38.1598 Background



This preview shows how black text looks on a background with the HunterLab color 64.9514, -3.1331, -38.1598.



This preview shows how white text looks on a background with the HunterLab color 64.9514, -3.1331, -38.1598.

-38.1598.

# 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

64.9514, -3.1331, -38.1598

### Protanopia

64.9077, 5.4334, -34.5027

### Deuteranopia

64.7468, 5.4518, -39.1136



## Tritanopia

64.8994, -19.8372, -10.2773

# Trichromacy



## Original Color

64.9514, -3.1331, -38.1598

## Protanomaly

64.7988, 2.2329, -36.1766

## Deuteranomaly

64.7171, 2.3292, -39.2229

## Tritanomaly

64.8006, -14.0644, -19.7575

# Monochromacy



## Original Color

64.9514, -3.1331, -38.1598

## Achromatopsia

62.5758, -3.3389, 3.3999

## Achromatomaly

63.0767, -4.3326, -10.2976

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 64.9514, -3.1331, -38.1598 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(123, 177, 244)` looks like.

```
.text, #text, p{  
    color:rgb(123, 177, 244)  
}
```

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(123, 177, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 177, 244) }
```

## Border

The CSS property to change the border of an element to HunterLab 64.9514, -3.1331, -38.1598 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(123, 177, 244) }
```



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

```
.border{ border-color:rgb(123, 177, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 177, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 177, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 177, 244);  
box-shadow:4px 4px 4px 4px rgb(123, 177,  
244) }
```

# Background

The CSS property to change the background color of an element to HunterLab 64.9514, -3.1331, -38.1598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 177, 244) }
```

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

```
.background{ background-color: rgb(123,  
177, 244) }
```

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](#).

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