

Converting Colors

HunterLab(64.1198, -8.5429,
-48.1207)

Have a look what the booklet for
HunterLab(64.1198, -8.5429,
-48.1207) contains.

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Color

**HunterLab(64.0609, -8.3666,
-48.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	4DB3FF
RGB	77, 179, 255
RGB Percent	30%, 70%, 100%
CMY	0.6980, 0.2980, 0.0000
CMYK	0.70, 0.30, 0.00, 0.00
HSL	206°, 100%, 65%
HSV	206°, 70%, 100%
XYZ	37.2307, 41.0380, 100.5666
YIQ	157.1660, -85.1880, 2.0120

Conversions

Conversions Part 2

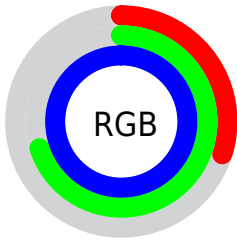
Format	Color
R_{YB}	77, 142, 255
Decimal	5092351
CIE _{Lab}	70.20, -5.72, -46.15
CIE _{LCh}	70, 46.500, 262.931
Yxy	41.0393, 0.2082, 0.2295
Android (android.graphics.Color)	4283282431 (0xFF4DB3FF)
YUV	157.1660, 48.2322, -70.3056
Hunter-Lab	64.0609, -8.3666, -48.2343

Details

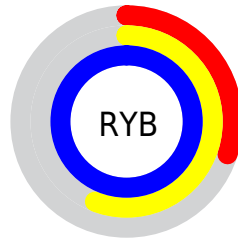
The HunterLab color **64.0609, -8.3666, -48.2343** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **66.7694, 27.4431, 35.3869**, and the grayscale version is **57.9700, -3.0931, 3.1496**.

A 20% lighter version of the original color is **85.1857, -24.9003, -13.7928**, and **43.8816, -4.4582, -45.2243** is the 20% darker color. If you saturate the color by 10%, you get **59.9871, -5.3982, -56.6390**, and if you desaturate by 10%, it is **68.4501, -10.3216, -39.9493**.

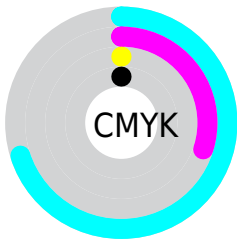
Distribution



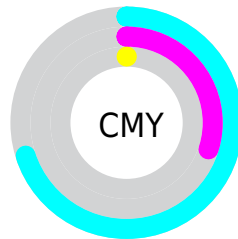
- Red (30%)
- Green (70%)
- Blue (100%)



- Red (30%)
- Yellow (56%)
- Blue (100%)



- Cyan (70%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (70%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.0609, -8.3666, -48.2343 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 64.0609, -8.3666, -48.2343 by changing the saturation by 10% instead.

■ 64.0609, -8.3666,
-48.2343

■ 64.0609, -8.3666,
-48.2343

187.2124,
-17.1247, -53.6725

■ 53.2445, -7.4835,
-47.5300

■ 87.6034, -10.1834,
-49.6691

■ 43.1156, -6.6159,
-46.8982

■ 100.2632,
-11.1191, -50.3594

■ 33.7254, -5.7610,
-46.4320

■ 113.4802,
-12.0734, -51.0160

■ 25.1377, -4.9144,
-46.3246

■ 127.2317,
-13.0464, -51.6335

■ 17.4357, -4.0677,
-47.0184

141.4977,
-14.0381, -52.2090

■ 10.7362, -3.2041,
-49.7329

156.2604,

■ 1.5008, -2.6264,

-15.0485, -52.7410

-217.5658

171.5035,
-16.0774, -53.2288

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.0609, -8.3666,
-48.2343

■ 64.0609, -8.3666,
-48.2343

■ 59.9871, -5.3982,
-56.6390

■ 68.4501, -10.3216,
-39.9493

■ 56.2408, -1.3918,
-65.1062

■ 73.1301, -11.3319,
-31.8389

■ 52.8067, 3.5453,
-73.6220

■ 78.0785, -11.4842,
-23.9312

■ 52.7396, 3.6488,
-73.7966

■ 83.2722, -10.8702,
-16.2393

■ 88.6896, -9.5790,

-8.7639

■ 94.3108, -7.6923,
-1.4974

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



64.0619, -26.2090, -35.8599



64.0609, -8.3666, -48.2343



64.0619, 13.2646, -43.5518

Triad

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



64.0619, -8.3663, -48.2323



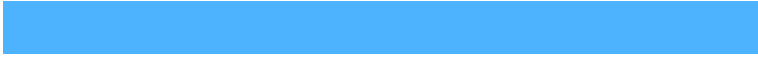
64.0619, 38.6562, 16.8421



64.0619, -32.8372, 22.7496

Complementary

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



64.0609, -8.3666, -48.2343



66.7694, 27.4431, 35.3869

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.



64.0619, -18.5574, 29.9247



64.0609, -8.3666, -48.2343



64.0619, 23.0765, 27.3707

Square

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



64.0619, -8.3663, -48.2323



64.0619, 42.3102, -1.4762



64.0619, 1.6778, 31.2860



64.0619, -39.0952, 8.0824

Rectangle

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



64.0609, -8.3666, -48.2343



64.0619, 26.8074, -31.9406



64.0619, 1.6778, 31.2860



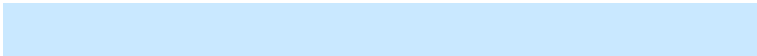
64.0619, -28.9127, 25.8943

Sweetspot

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



64.0619, -8.3663, -48.2323



88.0280, -9.7671, -9.6502



86.7976, -60.5426, 32.3745



40.0271, -4.7034, -5.4130

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.0619, -8.3663, -48.2323



58.3729, -3.8409, -60.1922



40.5285, 38.8533, -112.7501



43.7105, -3.5292, -0.5951



38.5177, 1.9374, -52.3260



12.8895, -0.8789, -14.2134

Inverse Universe

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



54.6115, 74.4974, -11.3471



50.4934, 83.7452, -8.4057



91.7687, -17.0668, 51.7110



42.6164, 2.6814, 0.6655



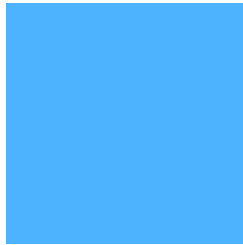
34.9652, 63.0732, -2.1667



11.0103, 20.0419, -2.0827

Previews

White Background



This preview shows how the HunterLab color 64.0609, -8.3666, -48.2343 looks on a white background.

Color Contrast Check

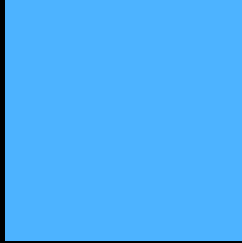
Large Text (above 18pt) WCAG AA × Fail

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 64.0609, -8.3666, -48.2343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

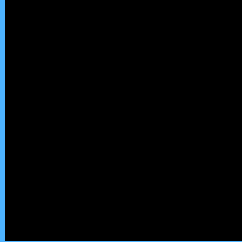
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

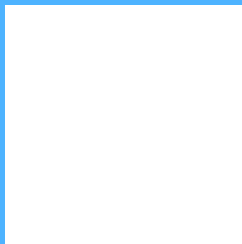
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.0609, -8.3666, -48.2343 Background



This preview shows how black text looks on a background with the HunterLab color 64.0609, -8.3666, -48.2343.



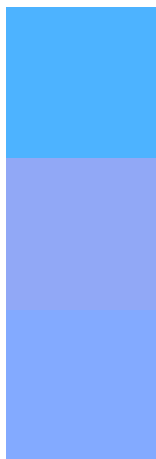
This preview shows how white text looks on a background with the HunterLab color 64.0609, -8.3666, -48.2343.

-48.2343.

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

64.0609, -8.3666, -48.2343

Protanopia

63.7800, 6.8093, -41.6308

Deuteranopia

63.8708, 5.0024, -48.3781



Tritanopia

64.1614, -29.1105, -13.7631

Trichromacy



Original Color

64.0609, -8.3666, -48.2343

Protanomaly

63.5119, 0.1416, -44.5266

Deuteranomaly

63.6291, -0.4031, -48.9552

Tritanomaly

63.8402, -22.0109, -25.8835

Monochromacy



Original Color

64.0609, -8.3666, -48.2343

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

59.4556, -8.0272, -13.8158

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.0609, -8.3666, -48.2343 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(77, 179, 255)` looks like.

```
.text, #text, p{  
    color:rgb(77, 179, 255)  
}
```

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(77, 179, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 179, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.0609, -8.3666, -48.2343 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(77, 179, 255) }
```


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

```
.border{ border-color:rgb(77, 179, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 179, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 179, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 179, 255);  
box-shadow:4px 4px 4px 4px rgb(77, 179,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.0609, -8.3666, -48.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 179, 255) }
```

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

```
.background{ background-color: rgb(77, 179,  
255) }
```

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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