

Converting Colors

HunterLab(64.6541, -12.6994,
-35.2772)

Have a look what the booklet for
HunterLab(64.6541, -12.6994,
-35.2772) contains.

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Color

**HunterLab(64.6240,
-12.7370, -35.3231)**

Conversions

Conversions Part 1

Format	Color
Hex	58B6EF
RGB	88, 182, 239
RGB Percent	35%, 71%, 94%
CMY	0.6549, 0.2863, 0.0627
CMYK	0.63, 0.24, 0.00, 0.06
HSL	203°, 83%, 64%
HSV	203°, 63%, 94%
XYZ	36.3324, 41.7626, 87.8074
YIQ	160.3920, -74.3210, -2.2010

Conversions

Conversions Part 2

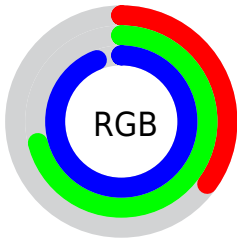
Format	Color
R _Y B	88, 146, 239
Decimal	5813999
CIE Lab	70.71, -10.86, -36.66
CIE LCh	71, 38.240, 253.497
Yxy	41.7641, 0.2190, 0.2517
Android (android.graphics.Color)	4284004079 (0xFF58B6EF)
YUV	160.3920, 38.7537, -63.4878
Hunter-Lab	64.6240, -12.7370, -35.3231

Details

The HunterLab color **64.6240, -12.7370, -35.3231** 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 **62.6965, 25.4738, 30.3467**, and the grayscale version is **59.3205, -3.1652, 3.2230**.

A 20% lighter version of the original color is **86.5177, -25.1359, -11.9623**, and **43.7257, -9.5812, -33.9704** is the 20% darker color. If you saturate the color by 10%, you get **60.9961, -11.2211, -41.9889**, and if you desaturate by 10%, it is **68.5151, -13.3804, -28.6826**.

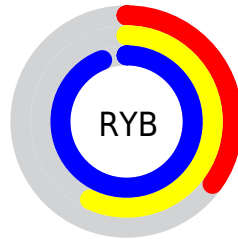
Distribution



Red (35%)

Green (71%)

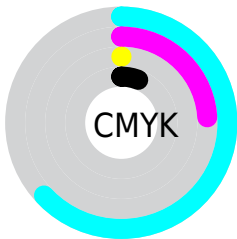
Blue (94%)



Red (35%)

Yellow (57%)

Blue (94%)

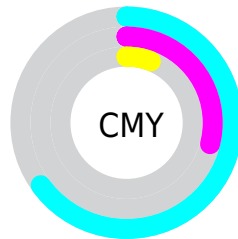


Cyan (63%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6240, -12.7370, -35.3231 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 64.6240, -12.7370, -35.3231 by changing the saturation by 10% instead.

■ 64.6240, -12.7370,
-35.3231

■ 64.6240, -12.7370,
-35.3231

188.0170,
-23.4964, -39.0713

■ 53.7742, -11.5720,
-34.6881

■ 88.2284, -15.0695,
-36.4869

■ 43.6093, -10.4019,
-34.0451

■ 100.9169,
-16.2438, -37.0022

■ 34.1806, -9.2186,
-33.4361

■ 114.1613,
-17.4260, -37.4686

■ 25.5505, -8.0096,
-32.9522

■ 127.9392,
-18.6177, -37.8854

■ 17.8014, -6.7539,
-32.8080

142.2308,
-19.8199, -38.2531

■ 11.0478, -5.4111,
-33.5994

157.0181,

■ 2.7996, -4.8993,

-21.0333, -38.5726

-78.9337

172.2850,
-22.2587, -38.8448

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.6240, -12.7370,
-35.3231

■ 64.6240, -12.7370,
-35.3231

■ 60.9961, -11.2211,
-41.9889

■ 68.5151, -13.3804,
-28.6826

■ 57.6397, -8.7968,
-48.6370

■ 72.6502, -13.2138,
-22.1094

■ 54.5586, -5.4732,
-55.2211

■ 77.0132, -12.3095,
-15.6294

■ 52.5903, -2.7910,
-59.7084

■ 81.5868, -10.7429,
-9.2594

■ 86.3544, -8.5866,

-3.0075

■ 91.3005, -5.9077,
3.1246

■ 96.3805, -2.8716,
9.1032

■ 99.2419, -7.6253,
12.2315

■ 99.5048, -8.0554,
12.5149

Harmonies

Analogous

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



64.6251, -26.0980, -22.6259



64.6240, -12.7370, -35.3231



64.6251, 4.5920, -35.9978

Triad

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



64.6251, -12.7368, -35.3218



64.6251, 32.6373, 10.5525



64.6251, -25.0235, 22.6989

Complementary

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



64.6240, -12.7370, -35.3231



62.6965, 25.4738, 30.3467

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.



64.6251, -11.1203, 27.5472



64.6240, -12.7370, -35.3231



64.6251, 22.8187, 21.9018

Square

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



64.6251, -12.7368, -35.3218



64.6251, 32.0856, -6.2535



64.6251, 6.3891, 27.3007



64.6251, -32.6578, 11.9673

Rectangle

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



64.6240, -12.7370, -35.3231



64.6251, 16.1905, -29.2796



64.6251, 6.3891, 27.3007



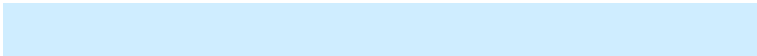
64.6251, -20.9963, 24.9254

Sweetspot

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



64.6251, -12.7368, -35.3218



89.9008, -10.6817, -7.1848



81.1192, -54.2078, 29.9344



40.9169, -5.2317, -4.2216

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6251, -12.7368, -35.3218



64.5056, -11.3771, -47.4094



43.6600, 25.7350, -83.5430



41.0707, -3.5652, -0.3379



39.4267, -2.6243, -43.6148



12.1820, -2.0500, -10.8011

Inverse Universe

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



53.5810, 64.5787, -14.8260



52.9053, 80.6566, -15.4889



83.4567, -12.0383, 44.6545



39.9053, 2.5697, 0.3895



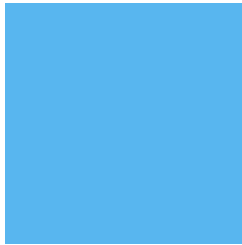
33.7084, 61.3506, -6.3098



9.8210, 18.0497, -3.1956

Previews

White Background



This preview shows how the HunterLab color 64.6240, -12.7370, -35.3231 looks on a white background.

Color Contrast Check

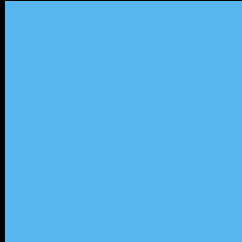
Large Text (above 18pt) WCAG AA × Fail

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 64.6240, -12.7370, -35.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

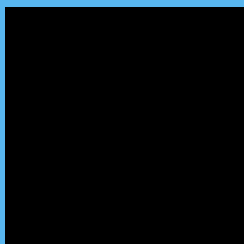
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

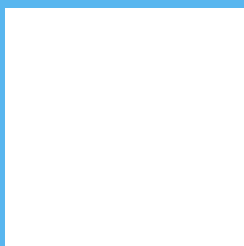
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.6240, -12.7370, -35.3231 Background



This preview shows how black text looks on a background with the HunterLab color 64.6240, -12.7370, -35.3231.



This preview shows how white text looks on a background with the HunterLab color 64.6240, -12.7370, -35.3231.

-12.7370, -35.3231.

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

64.6240, -12.7370, -35.3231

Protanopia

64.3671, 4.3162, -29.2197

Deuteranopia

64.3143, 5.2237, -37.7203



Tritanopia

64.5199, -26.0165, -13.1947

Trichromacy



Original Color

64.6240, -12.7370, -35.3231

Protanomaly

64.0161, -2.7129, -32.0005

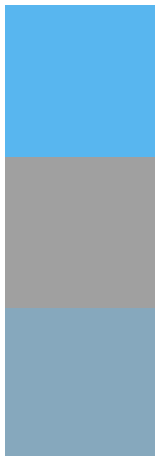
Deuteranomaly

64.0770, -1.7720, -37.5491

Tritanomaly

64.5797, -21.4039, -20.8497

Monochromacy



Original Color

64.6240, -12.7370, -35.3231

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.6199, -8.8565, -9.8893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6240, -12.7370, -35.3231 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(88, 182, 239)` looks like.

```
.text, #text, p{  
    color:rgb(88, 182, 239)  
}
```

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(88, 182, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 182, 239) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6240, -12.7370, -35.3231 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(88, 182, 239) }
```


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

```
.border{ border-color:rgb(88, 182, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 182, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 182, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 182, 239);  
box-shadow:4px 4px 4px 4px rgb(88, 182,  
239) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6240, -12.7370, -35.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 182, 239) }
```

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

```
.background{ background-color: rgb(88, 182,  
239) }
```

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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