

Converting Colors

HunterLab(64.5638, -10.4732,
-40.7068)

Have a look what the booklet for
HunterLab(64.5638, -10.4732,
-40.7068) contains.

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Color

**HunterLab(64.5971,
-10.5577, -40.4061)**

Conversions

Conversions Part 1

Format	Color
Hex	57B5F6
RGB	87, 181, 246
RGB Percent	34%, 71%, 96%
CMY	0.6588, 0.2902, 0.0353
CMYK	0.65, 0.26, 0.00, 0.04
HSL	205°, 90%, 65%
HSV	205°, 65%, 96%
XYZ	37.0889, 41.7279, 93.2884
YIQ	160.3040, -76.8890, 0.2870

Conversions

Conversions Part 2

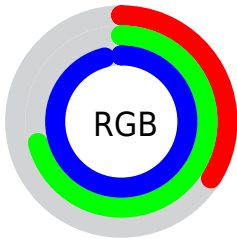
Format	Color
R _Y B	87, 146, 246
Decimal	5748214
CIE Lab	70.68, -8.26, -40.50
CIE LCh	71, 41.335, 258.476
Yxy	41.7293, 0.2155, 0.2425
Android (android.graphics.Color)	4283938294 (0xFF57B5F6)
YUV	160.3040, 42.2481, -64.2876
Hunter-Lab	64.5971, -10.5577, -40.4061

Details

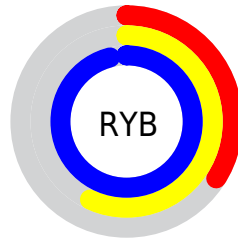
The HunterLab color **64.5971, -10.5577, -40.4061** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **65.3761, 24.7216, 32.5380**, and the grayscale version is **59.2715, -3.1626, 3.2203**.

A 20% lighter version of the original color is **86.1814, -24.6562, -12.4141**, and **43.7178, -7.4851, -38.4853** is the 20% darker color. If you saturate the color by 10%, you get **60.6601, -8.4610, -47.9900**, and if you desaturate by 10%, it is **68.8190, -11.7263, -32.9163**.

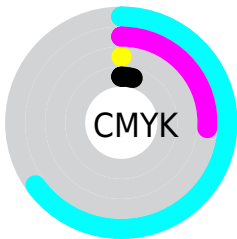
Distribution



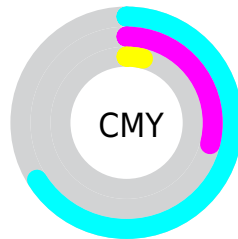
- Red (34%)
- Green (71%)
- Blue (96%)



- Red (34%)
- Yellow (57%)
- Blue (96%)



- Cyan (65%)
- Magenta (26%)
- Yellow (0%)
- Black (4%)



- Cyan (66%)
- Magenta (29%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5971, -10.5577, -40.4061 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 64.5971, -10.5577, -40.4061 by changing the saturation by 10% instead.

■ 64.5971, -10.5577,
-40.4061

■ 64.5971, -10.5577,
-40.4061

187.9786,
-20.3023, -44.8915

■ 53.7489, -9.5360,
-39.7281

■ 88.1985, -12.6282,
-41.7006

■ 43.5857, -8.5200,
-39.0689

■ 100.8856,
-13.6814, -42.2940

■ 34.1588, -7.5042,
-38.4879

■ 114.1288,
-14.7481, -42.8434

■ 25.5308, -6.4804,
-38.1102

■ 127.9054,
-15.8289, -43.3465

■ 17.7839, -5.4344,
-38.2252

142.1958,
-16.9244, -43.8026

■ 11.0328, -4.3384,
-39.6288

156.9819,

■ 2.7516, -4.8152,

-18.0350, -44.2117

-95.5387

172.2477,
-19.1609, -44.5743

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.5971, -10.5577,
-40.4061

■ 64.5971, -10.5577,
-40.4061

■ 60.6601, -8.4610,
-47.9900

■ 68.8190, -11.7263,
-32.9163

■ 57.0203, -5.3944,
-55.6191

■ 73.3030, -12.0385,
-25.5639

■ 53.6843, -1.3688,
-63.2379

■ 78.0294, -11.5761,
-18.3717

■ 51.9970, 1.0968,
-67.3593

■ 82.9782, -10.4227,
-11.3509

■ 88.1304, -8.6577,

-4.5031

■ 93.4689, -6.3536,
2.1769

■ 98.5693, -4.9921,
8.2055

■ 99.7165, -6.8909,
9.4825

Harmonies

Analogous

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



64.5982, -25.8381, -28.1229



64.5971, -10.5577, -40.4061



64.5982, 8.4857, -38.6624

Triad

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



64.5982, -10.5574, -40.4048



64.5982, 34.7946, 13.5486



64.5982, -28.4890, 22.5057

Complementary

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



64.5971, -10.5577, -40.4061



65.3761, 24.7216, 32.5380

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.



64.5982, -14.5779, 28.4779



64.5971, -10.5577, -40.4061



64.5982, 22.4744, 24.4276

Square

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



64.5982, -10.5574, -40.4048



64.5982, 36.1927, -3.7851



64.5982, 3.9780, 29.0620



64.5982, -35.3666, 10.0538

Rectangle

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



64.5971, -10.5577, -40.4061



64.5982, 20.7743, -29.8600



64.5982, 3.9780, 29.0620



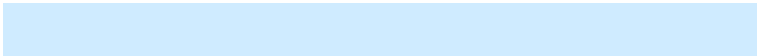
64.5982, -24.5593, 25.1625

Sweetspot

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



64.5982, -10.5574, -40.4048



89.4135, -9.9020, -7.8114



83.7619, -56.1389, 30.0252



40.6574, -4.8186, -4.5616

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5982, -10.5574, -40.4048



61.8180, -7.8059, -52.7836



42.8519, 30.8432, -93.6908



41.8992, -3.4748, -0.4816



38.3587, 0.1613, -48.2932



12.2272, -1.3710, -12.3233

Inverse Universe

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



54.5410, 67.3934, -12.7362



52.0978, 81.0610, -11.8687



87.7107, -15.0006, 47.6879



40.8007, 2.5799, 0.5524



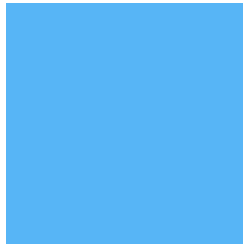
34.0364, 61.5990, -3.6699



10.1910, 18.6241, -2.4979

Previews

White Background



This preview shows how the HunterLab color 64.5971, -10.5577, -40.4061 looks on a white background.

Color Contrast Check

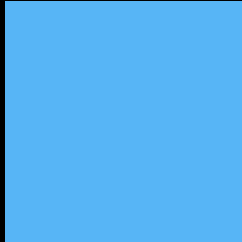
Large Text (above 18pt) WCAG AA × Fail

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 64.5971, -10.5577, -40.4061 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

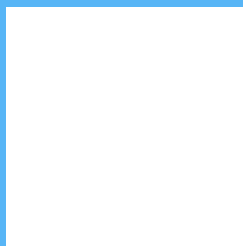
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.5971, -10.5577, -40.4061 Background



This preview shows how black text looks on a background with the HunterLab color 64.5971, -10.5577, -40.4061.



This preview shows how white text looks on a background with the HunterLab color 64.5971, -10.5577, -40.4061.

-10.5577, -40.4061.

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

64.5971, -10.5577, -40.4061

Protanopia

64.1605, 5.7432, -34.4027

Deuteranopia

64.1790, 5.3419, -42.4015



Tritanopia

64.6876, -27.0790, -12.9739

Trichromacy



Original Color

64.5971, -10.5577, -40.4061

Protanomaly

63.8495, -1.1026, -37.2267

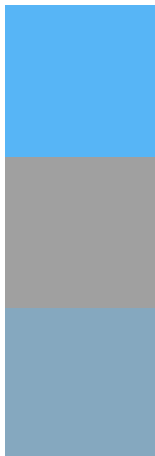
Deuteranomaly

64.0722, -1.2197, -41.9683

Tritanomaly

64.5058, -21.5192, -22.2274

Monochromacy



Original Color

64.5971, -10.5577, -40.4061

Achromatopsia

59.2902, -3.1636, 3.2213

Achromatomaly

60.6246, -8.6955, -11.0008

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5971, -10.5577, -40.4061 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(87, 181, 246)` looks like.

```
.text, #text, p{  
    color:rgb(87, 181, 246)  
}
```

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(87, 181, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 181, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5971, -10.5577, -40.4061 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(87, 181, 246) }
```


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

```
.border{ border-color:rgb(87, 181, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 181, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 181, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 181, 246);  
box-shadow:4px 4px 4px 4px rgb(87, 181,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5971, -10.5577, -40.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 181, 246) }
```

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

```
.background{ background-color: rgb(87, 181,  
246) }
```

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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