

Converting Colors

HunterLab(64.9461, -7.7053,
-39.7111)

Have a look what the booklet for
HunterLab(64.9461, -7.7053,
-39.7111) contains.

HunterLab(64.9461, -7.7053, -39.7111)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(64.9461, -7.7053,
-39.7111)**

Conversions

Conversions Part 1

Format	Color
Hex	67B4F6
RGB	103, 180, 246
RGB Percent	40%, 71%, 96%
CMY	0.5960, 0.2941, 0.0353
CMYK	0.58, 0.27, 0.00, 0.04
HSL	208°, 89%, 68%
HSV	208°, 58%, 96%
XYZ	38.5494, 42.1800, 93.2987
YIQ	164.5010, -67.0780, 4.2020

Conversions

Conversions Part 2

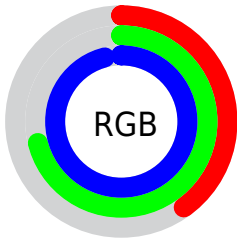
Format	Color
R _Y B	103, 153, 246
Decimal	6796534
CIE Lab	71.00, -4.87, -39.97
CIE LCh	71, 40.266, 263.056
Yxy	42.1815, 0.2215, 0.2424
Android (android.graphics.Color)	4284986614 (0xFF67B4F6)
YUV	164.5010, 40.1790, -53.9364
Hunter-Lab	64.9461, -7.7053, -39.7111

Details

The HunterLab color **64.9461, -7.7053, -39.7111** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **69.9647, 16.9745, 32.5333**, and the grayscale version is **60.9966, -3.2546, 3.3141**.

A 20% lighter version of the original color is **86.6011, -21.3892, -11.7829**, and **43.7366, -5.8921, -38.4178** is the 20% darker color. If you saturate the color by 10%, you get **60.4451, -5.5725, -48.3750**, and if you desaturate by 10%, it is **69.7353, -8.9333, -31.3159**.

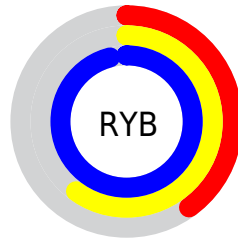
Distribution



Red (40%)

Green (71%)

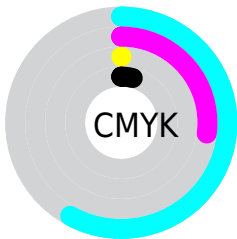
Blue (96%)



Red (40%)

Yellow (60%)

Blue (96%)

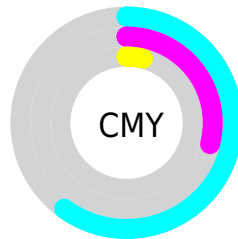


Cyan (58%)

Magenta (27%)

Yellow (0%)

Black (4%)



Cyan (60%)

Magenta (29%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9461, -7.7053, -39.7111 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 64.9461, -7.7053, -39.7111 by changing the saturation by 10% instead.

■ 64.9461, -7.7053,
-39.7111

■ 64.9461, -7.7053,
-39.7111

188.4767,
-16.1493, -44.0872

■ 54.0772, -6.8669,
-39.0380

■ 88.5857, -9.4409,
-40.9872

■ 43.8919, -6.0474,
-38.3785

■ 101.2905,
-10.3391, -41.5691

■ 34.4412, -5.2449,
-37.7880

■ 114.5506,
-11.2576, -42.1061

■ 25.7871, -4.4564,
-37.3839

128.3436,
-12.1962, -42.5963

■ 18.0112, -3.6761,
-37.4366

142.6496,
-13.1550, -43.0391

■ 11.2269, -2.8917,
-38.6859

157.4509,

■ 3.3203, -5.8106,

-14.1335, -43.4346

-78.4694

172.7315,
-15.1317, -43.7837

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.9461, -7.7053,
-39.7111

■ 64.9461, -7.7053,
-39.7111

■ 60.4451, -5.5725,
-48.3750

■ 69.7353, -8.9333,
-31.3159

■ 56.2552, -2.4541,
-57.2721

■ 74.7829, -9.3519,
-23.2094

■ 52.3999, 1.6960,
-66.3362

■ 80.0653, -9.0562,
-15.3885

■ 48.8838, 6.8320,
-75.5087

■ 85.5601, -8.1351,
-7.8399

■ 48.2508, 7.8560,

■ 91.2475, -6.6682,

-77.2682

-0.5438

97.1100, -4.7251,
6.5228

99.7165, -6.8908,
9.4825

Harmonies

Analogous

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



64.9473, -23.4564, -29.6563



64.9461, -7.7053, -39.7111



64.9473, 11.0253, -35.8410

Triad

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



64.9473, -7.7051, -39.7097



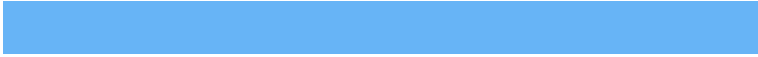
64.9473, 32.5257, 15.4177



64.9473, -29.4734, 20.7319

Complementary

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



64.9461, -7.7053, -39.7111



69.9647, 16.9745, 32.5333

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.



64.9473, -16.7939, 27.5624



64.9461, -7.7053, -39.7111



64.9473, 19.2725, 25.1464

Square

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



64.9473, -7.7051, -39.7097



64.9473, 35.6567, -0.6812



64.9473, 0.8787, 28.9156



64.9473, -35.0826, 7.4867

Rectangle

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



64.9461, -7.7053, -39.7111



64.9473, 22.5850, -26.2941



64.9473, 0.8787, 28.9156



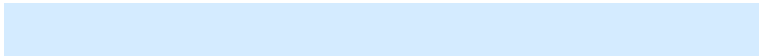
64.9473, -25.9696, 23.6851

Sweetspot

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



64.9473, -7.7051, -39.7097



89.7647, -8.3331, -7.3221



84.6164, -51.9725, 25.4931



40.9865, -3.9727, -4.1070

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.9473, -7.7051, -39.7097



62.0615, -5.2377, -52.2326



45.5232, 29.4263, -84.9905



41.7192, -3.1804, -0.7006



35.6520, 4.9918, -55.3378



11.5009, -0.1726, -14.0025

Inverse Universe

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



57.0880, 59.8603, -8.6217



54.3141, 73.7565, -8.1841



90.6744, -18.3637, 47.1599



40.7820, 2.4800, 0.8174



33.7380, 60.5178, 0.5568



10.1053, 18.3151, -1.2957

Previews

White Background



This preview shows how the HunterLab color 64.9461, -7.7053, -39.7111 looks on a white background.

Color Contrast Check

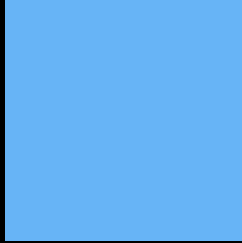
Large Text (above 18pt) WCAG AA × Fail

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 64.9461, -7.7053, -39.7111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

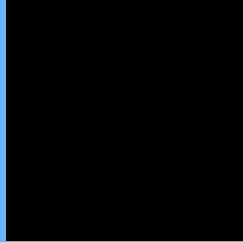
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

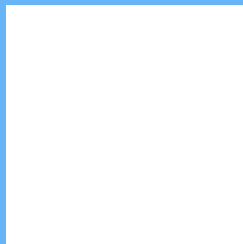
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9461, -7.7053, -39.7111 Background



This preview shows how black text looks on a background with the HunterLab color 64.9461, -7.7053, -39.7111.



This preview shows how white text looks on a background with the HunterLab color 64.9461, -7.7053, -39.7111.

-39.7111.

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

64.9461, -7.7053, -39.7111

Protanopia

64.5715, 5.7138, -34.3841

Deuteranopia

64.6780, 5.5075, -41.4582



Tritanopia

64.9689, -24.3779, -11.9546

Trichromacy



Original Color

64.9461, -7.7053, -39.7111

Protanomaly

64.6327, 0.1384, -36.5112

Deuteranomaly

64.5404, 0.3870, -41.0609

Tritanomaly

64.8750, -18.4723, -21.5960

Monochromacy



Original Color

64.9461, -7.7053, -39.7111

Achromatopsia

61.3402, -3.2730, 3.3327

Achromatomaly

61.9639, -6.8410, -10.7743

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9461, -7.7053, -39.7111 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(103, 180, 246)` looks like.

```
.text, #text, p{  
    color:rgb(103, 180, 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(103, 180, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 180, 246) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9461, -7.7053, -39.7111 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(103, 180, 246) }
```


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

```
.border{ border-color:rgb(103, 180, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 180, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 180, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 180, 246);  
box-shadow:4px 4px 4px 4px rgb(103, 180,  
246) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9461, -7.7053, -39.7111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 180, 246) }
```

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

```
.background{ background-color: rgb(103,  
180, 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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