

Converting Colors

HunterLab(63.8134, -4.6213,
-39.9286)

Have a look what the booklet for
HunterLab(63.8134, -4.6213,
-39.9286) contains.

HunterLab(63.6955, -4.3744, -40.4961)	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(63.6955, -4.3744,
-40.4961)**

Conversions

Conversions Part 1

Format	Color
Hex	6FAFF4
RGB	111, 175, 244
RGB Percent	44%, 69%, 96%
CMY	0.5647, 0.3137, 0.0431
CMYK	0.55, 0.28, 0.00, 0.04
HSL	211°, 86%, 70%
HSV	211°, 55%, 96%
XYZ	38.2147, 40.5712, 91.4050
YIQ	163.7300, -60.2930, 7.8910

Conversions

Conversions Part 2

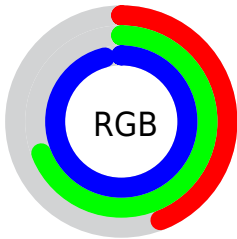
Format	Color
R _Y B	111, 154, 244
Decimal	7319540
CIE Lab	69.88, -1.11, -40.61
CIE LCh	70, 40.624, 268.430
Yxy	40.5726, 0.2245, 0.2384
Android (android.graphics.Color)	4285509620 (0xFF6FAFF4)
YUV	163.7300, 39.5731, -46.2442
Hunter-Lab	63.6955, -4.3744, -40.4961

Details

The HunterLab color **63.6955, -4.3744, -40.4961** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **72.8187, 11.0665, 32.8179**, and the grayscale version is **60.6803, -3.2377, 3.2969**.

A 20% lighter version of the original color is **85.0645, -16.8218, -13.8198**, and **42.8189, -3.3175, -38.7716** is the 20% darker color. If you saturate the color by 10%, you get **58.7375, -1.8853, -50.2331**, and if you desaturate by 10%, it is **68.9481, -5.9771, -31.2189**.

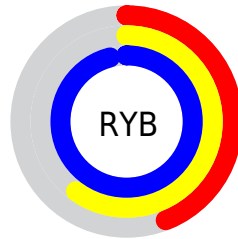
Distribution



Red (44%)

Green (69%)

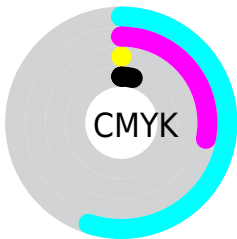
Blue (96%)



Red (44%)

Yellow (60%)

Blue (96%)

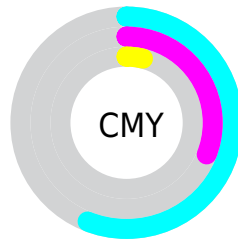


Cyan (55%)

Magenta (28%)

Yellow (0%)

Black (4%)



Cyan (56%)

Magenta (31%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6955, -4.3744, -40.4961 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 63.6955, -4.3744, -40.4961 by changing the saturation by 10% instead.

■ 63.6955, -4.3744,
-40.4961

■ 63.6955, -4.3744,
-40.4961

186.6899,
-11.3647, -45.0313

■ 52.9011, -3.7389,
-39.8171

■ 87.1979, -5.7374,
-41.7984

■ 42.7955, -3.1364,
-39.1615

■ 99.8390, -6.4626,
-42.3972

■ 33.4306, -2.5685,
-38.5924

■ 113.0380, -7.2156,
-42.9525

■ 24.8704, -2.0370,
-38.2443

126.7723, -7.9952,
-43.4617

■ 17.1992, -1.5443,
-38.4310

141.0218, -8.8007,
-43.9239

■ 10.5352, -1.0926,
-40.0330

155.7685, -9.6313,

0.0000, NaN, -NF

-44.3392

0.0000, NaN, -NF

170.9961,
-10.4861, -44.7080

0.0000, NaN, -NF

■ 63.6955, -4.3744,
-40.4961

■ 63.6955, -4.3744,
-40.4961

■ 58.7375, -1.8853,
-50.2331

■ 68.9481, -5.9771,
-31.2189

■ 54.1061, 1.5976,
-60.4212

■ 74.4598, -6.8058,
-22.3892

■ 49.8385, 6.1571,
-71.0021

■ 80.2034, -6.9647,
-13.9722

■ 45.9650, 11.8113,
-81.8704

■ 86.1545, -6.5466,
-5.9273

■ 43.9892, 15.2884,
-87.9859

■ 92.2924, -5.6314,
1.7880

98.3660, -5.0968,
8.9349

99.6553, -7.2276,
10.3594

Harmonies

Analogous

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



63.6966, -20.9803, -32.6365



63.6955, -4.3744, -40.4961



63.6966, 14.4375, -34.0570

Triad

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



63.6966, -4.3742, -40.4947



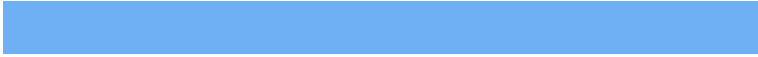
63.6966, 31.0044, 17.5677



63.6966, -30.9704, 18.7639

Complementary

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



63.6955, -4.3744, -40.4961



72.8187, 11.0665, 32.8179

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.



63.6966, -19.4716, 26.6279



63.6955, -4.3744, -40.4961



63.6966, 16.3167, 26.0887

Square

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



63.6966, -4.3742, -40.4947



63.6966, 36.2096, 2.5326



63.6966, -2.4241, 28.8700



63.6966, -35.2099, 4.3878

Rectangle

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



63.6955, -4.3744, -40.4961



63.6966, 25.4625, -23.3283



63.6966, -2.4241, 28.8700



63.6966, -27.8955, 22.0852

Sweetspot

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



63.6966, -4.3742, -40.4947



89.6084, -6.9860, -7.5039



84.4783, -48.2801, 21.0093



40.8548, -3.2872, -4.2704

0.0000, NaN, NaN



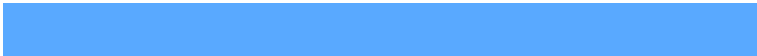
46.2646, -2.4686, 2.5136

Same Dimension

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



63.6966, -4.3742, -40.4947



61.4289, -1.7780, -53.4926



46.2899, 30.2547, -80.5725



41.5242, -2.8602, -0.9389



32.8516, 10.4248, -63.5657



10.7388, 1.1684, -15.9449

Inverse Universe

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



58.0507, 54.4067, -4.7016



55.9565, 67.9402, -4.1068



92.0267, -21.8479, 46.6336



40.7620, 2.3722, 1.1034



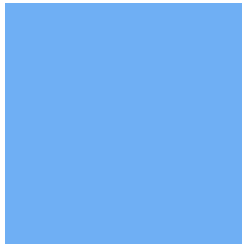
33.4497, 59.4689, 4.6754



10.0203, 18.0073, -0.0935

Previews

White Background



This preview shows how the HunterLab color 63.6955, -4.3744, -40.4961 looks on a white background.

Color Contrast Check

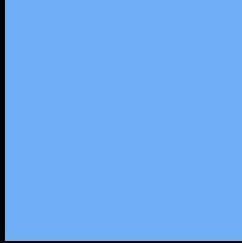
Large Text (above 18pt) WCAG AA × Fail

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 63.6955, -4.3744, -40.4961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

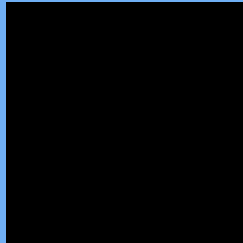
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

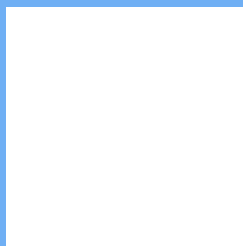
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.6955, -4.3744, -40.4961 Background



This preview shows how black text looks on a background with the HunterLab color 63.6955, -4.3744, -40.4961.



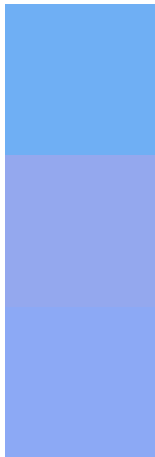
This preview shows how white text looks on a background with the HunterLab color 63.6955, -4.3744, -40.4961.

-40.4961.

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

63.6955, -4.3744, -40.4961

Protanopia

63.6193, 5.5200, -36.0858

Deuteranopia

63.6741, 4.8656, -41.1174



Tritanopia

63.8262, -22.3438, -10.6907

Trichromacy



Original Color

63.6955, -4.3744, -40.4961

Protanomaly

63.6930, 1.4299, -37.4669

Deuteranomaly

63.5496, 1.4155, -41.4122

Tritanomaly

63.7678, -16.2940, -20.7673

Monochromacy



Original Color

63.6955, -4.3744, -40.4961

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.5429, -5.2999, -10.7755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6955, -4.3744, -40.4961 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(111, 175, 244)` looks like.

```
.text, #text, p{  
    color:rgb(111, 175, 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(111, 175, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 175, 244) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6955, -4.3744, -40.4961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

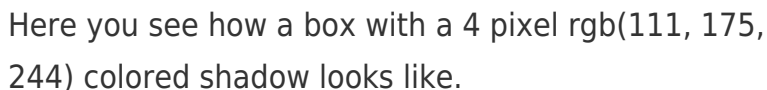
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 175, 244) }
```


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

```
.border{ border-color:rgb(111, 175, 244) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 175, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 175, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 175, 244);  
box-shadow:4px 4px 4px 4px rgb(111, 175,  
244) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6955, -4.3744, -40.4961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 175, 244) }
```

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

```
.background{ background-color: rgb(111,  
175, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor