

Converting Colors

HunterLab(64.0261, 0.4564,
-48.1488)

Have a look what the booklet for
HunterLab(64.0261, 0.4564,
-48.1488) contains.

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Color

**HunterLab(63.9445, 0.6766,
-48.3070)**

Conversions

Conversions Part 1

Format	Color
Hex	75ADFF
RGB	117, 173, 255
RGB Percent	46%, 68%, 100%
CMY	0.5412, 0.3216, 0.0000
CMYK	0.54, 0.32, 0.00, 0.00
HSL	216°, 100%, 73%
HSV	216°, 54%, 100%
XYZ	40.3296, 40.8890, 100.3744
YIQ	165.6040, -59.6980, 13.6300

Conversions

Conversions Part 2

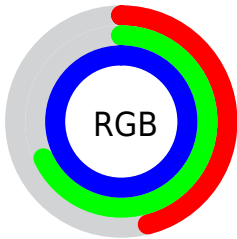
Format	Color
R _Y B	117, 157, 255
Decimal	7712255
CIE Lab	70.10, 4.61, -46.20
CIE LCh	70, 46.431, 275.696
Yxy	40.8904, 0.2221, 0.2252
Android (android.graphics.Color)	4285902335 (0xFF75ADFF)
YUV	165.6040, 44.0722, -42.6257
Hunter-Lab	63.9445, 0.6766, -48.3070

Details

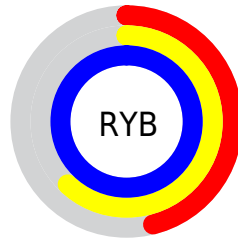
The HunterLab color $63.9445, 0.6766, -48.3070$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $79.6199, 6.1100, 36.6345$, and the grayscale version is $61.4320, -3.2779, 3.3377$.

A 20% lighter version of the original color is $84.8156, -14.3710, -14.1237$, and $42.9907, 1.3575, -47.1673$ is the 20% darker color. If you saturate the color by 10%, you get $58.2001, 4.3166, -60.4413$, and if you desaturate by 10%, it is $70.0345, -1.9825, -36.9731$.

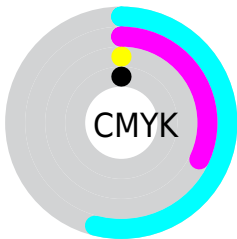
Distribution



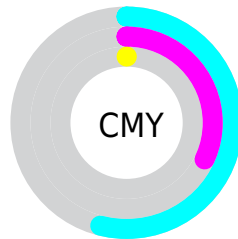
- Red (46%)
- Green (68%)
- Blue (100%)



- Red (46%)
- Yellow (62%)
- Blue (100%)



- Cyan (54%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)



- Cyan (54%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.9445, 0.6766, -48.3070 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 63.9445, 0.6766, -48.3070 by changing the saturation by 10% instead.

■ 63.9445, 0.6766,
-48.3070

■ 63.9445, 0.6766,
-48.3070

187.0460, -4.1750,
-53.7567

■ 53.1351, 1.0153,
-47.6031

■ 87.4743, -0.1402,
-49.7430

■ 43.0136, 1.3014,
-46.9730

■ 100.1281, -0.6113,
-50.4344

■ 33.6315, 1.5287,
-46.5107

■ 113.3394, -1.1208,
-51.0923

■ 25.0525, 1.6884,
-46.4119

127.0854, -1.6663,
-51.7113

■ 17.3603, 1.7681,
-47.1246

141.3462, -2.2460,
-52.2884

■ 10.6721, 1.7476,
-49.8872

156.1038, -2.8583,

■ 1.0472, 19.1213,

-52.8219

-311.0219

171.3420, -3.5017,
-53.3113

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 63.9445, 0.6766,
-48.3070

■ 63.9445, 0.6766,
-48.3070

■ 58.2001, 4.3166,
-60.4413

■ 70.0345, -1.9825,
-36.9731

■ 52.8513, 9.0830,
-73.4076

■ 76.4216, -3.8052,
-26.3752

■ 47.9596, 15.0908,
-87.1421

■ 83.0697, -4.9212,
-16.4242

■ 43.5853, 22.3627,
-101.4485

■ 89.9478, -5.4411,
-7.0315

■ 41.2496, 27.1148,

■ 97.0308, -5.4572,

-110.0915

1.8850

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.



63.9456, -19.3266, -42.8420



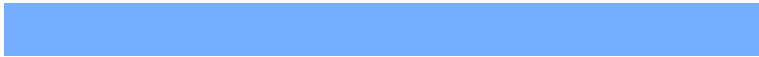
63.9445, 0.6766, -48.3070



63.9456, 22.1210, -36.6451

Triad

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



63.9456, 0.6766, -48.3050



63.9456, 33.1282, 22.2087



63.9456, -36.4560, 17.4592

Complementary

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



63.9445, 0.6766, -48.3070



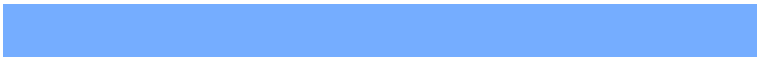
79.6199, 6.1100, 36.6345

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.



63.9456, -25.4828, 27.6247



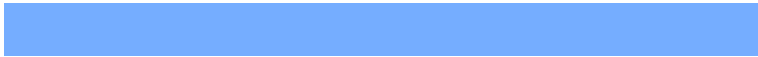
63.9445, 0.6766, -48.3070



63.9456, 14.2217, 29.6764

Square

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



63.9456, 0.6766, -48.3050



63.9456, 42.3574, 7.2073



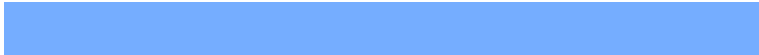
63.9456, -7.4071, 31.2734



63.9456, -39.0994, -0.4846

Rectangle

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



63.9445, 0.6766, -48.3070



63.9456, 33.8181, -22.4245



63.9456, -7.4071, 31.2734



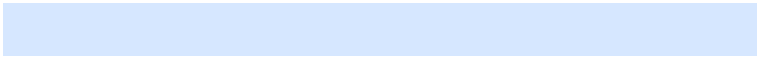
63.9456, -33.6960, 21.6894

Sweetspot

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



63.9456, 0.6766, -48.3050



88.6350, -5.3842, -8.7631



89.0824, -49.2283, 18.6717



40.3472, -2.4525, -4.9384

0.0000, NaN, NaN



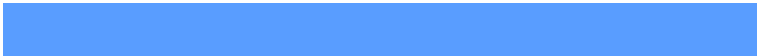
46.2646, -2.4686, 2.5136

Same Dimension

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



63.9456, 0.6766, -48.3050



57.7099, 4.6909, -61.5554



49.5708, 33.4871, -82.0257



43.1137, -2.5474, -1.3259



30.2748, 18.5259, -77.8329



10.4896, 3.5066, -20.6809

Inverse Universe

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



60.8287, 55.3714, -0.0845



55.5554, 66.2469, 1.5843



95.8897, -26.1339, 48.2220



42.5550, 2.3518, 1.5399



34.1368, 60.0552, 9.6958



10.7500, 19.0980, 1.6107

Previews

White Background



This preview shows how the HunterLab color 63.9445, 0.6766, -48.3070 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 63.9445, 0.6766, -48.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

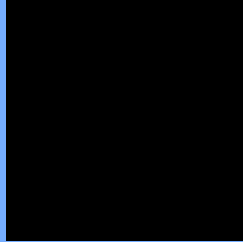
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

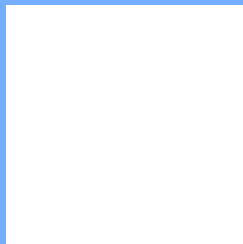
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.9445, 0.6766, -48.3070 Background



This preview shows how black text looks on a background with the HunterLab color 63.9445, 0.6766, -48.3070.



This preview shows how white text looks on a background with the HunterLab color 63.9445, 0.6766, -48.3070.

-48.3070.

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

63.9445, 0.6766, -48.3070

Protanopia

63.8827, 7.6370, -45.2075

Deuteranopia

63.9335, 5.2124, -48.2495



Tritanopia

63.9890, -21.6579, -11.0144

Trichromacy



Original Color

63.9445, 0.6766, -48.3070

Protanomaly

63.9109, 4.8368, -45.9704

Deuteranomaly

63.9201, 3.6543, -48.3034

Tritanomaly

63.7966, -14.2294, -23.2216

Monochromacy



Original Color

63.9445, 0.6766, -48.3070

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.2487, -4.0017, -12.5994

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.9445, 0.6766, -48.3070 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(117, 173, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 173, 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(117, 173, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 173, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.9445, 0.6766, -48.3070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

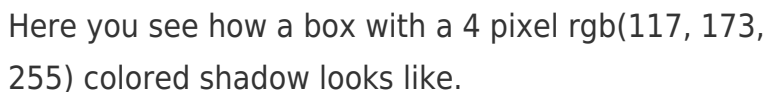
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 173, 255) }
```


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

```
.border{ border-color:rgb(117, 173, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 173, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 173, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 173, 255); box-shadow:4px 4px 4px 4px rgb(117, 173, 255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.9445, 0.6766, -48.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 173, 255) }
```

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

```
.background{ background-color: rgb(117,  
173, 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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