

Converting Colors

HunterLab(65.5197, 6.5827,
-64.0151)

Have a look what the booklet for
HunterLab(65.5197, 6.5827,
-64.0151) contains.

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Color

**HunterLab(64.2449, 0.1596,
-47.7210)**

Conversions

Conversions Part 1

Format	Color
Hex	75AEFF
RGB	117, 174, 255
RGB Percent	46%, 68%, 100%
CMY	0.5412, 0.3176, 0.0000
CMYK	0.54, 0.32, 0.00, 0.00
HSL	215°, 100%, 73%
HSV	215°, 54%, 100%
XYZ	40.5222, 41.2741, 100.4388
YIQ	166.1910, -59.9730, 13.1070

Conversions

Conversions Part 2

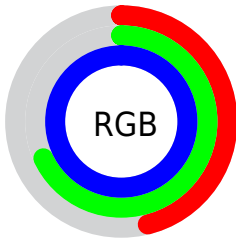
Format	Color
R _Y B	117, 157, 255
Decimal	7712511
CIE Lab	70.37, 4.04, -45.78
CIE LCh	70, 45.957, 275.048
Yxy	41.2755, 0.2224, 0.2265
Android (android.graphics.Color)	4285902591 (0xFF75AEFF)
YUV	166.1910, 43.7828, -43.1405
Hunter-Lab	64.2449, 0.1596, -47.7210

Details

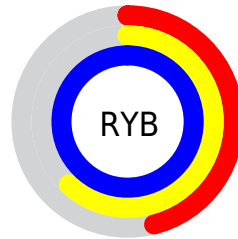
The HunterLab color $64.2449, 0.1596, -47.7210$ is a light color, and the websafe version is hex $6699FF$. A complement of this color would be $79.3313, 6.6281, 36.4201$, and the grayscale version is $61.6748, -3.2908, 3.3509$.

A 20% lighter version of the original color is $85.1403, -14.8720, -13.6802$, and $43.2740, 0.8645, -46.5192$ is the 20% darker color. If you saturate the color by 10%, you get $58.5476, 3.6967, -59.6658$, and if you desaturate by 10%, it is $70.2838, -2.4021, -36.5428$.

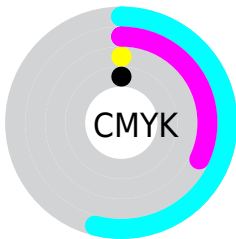
Distribution



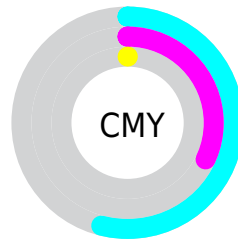
- Red (46%)
- Green (68%)
- Blue (100%)



- 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 64.2449, 0.1596, -47.7210 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 64.2449, 0.1596, -47.7210 by changing the saturation by 10% instead.

■ 64.2449, 0.1596,
-47.7210

■ 64.2449, 0.1596,
-47.7210

187.4755, -4.9100,
-53.0986

■ 53.4176, 0.5284,
-47.0162

■ 87.8077, -0.7129,
-49.1483

■ 43.2769, 0.8467,
-46.3793

■ 100.4769, -1.2099,
-49.8326

■ 33.8741, 1.1085,
-45.8998

■ 113.7028, -1.7442,
-50.4824

■ 25.2724, 1.3060,
-45.7642

127.4630, -2.3136,
-51.0925

■ 17.5550, 1.4275,
-46.3981

141.7374, -2.9163,
-51.6601

■ 10.8378, 1.4546,
-48.9714

156.5081, -3.5508,

■ 2.0197, 8.6173,

-52.1839

-160.4920

171.7590, -4.2158,
-52.6633

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.2449, 0.1596,
-47.7210

■ 64.2449, 0.1596,
-47.7210

■ 58.5476, 3.6967,
-59.6658

■ 70.2838, -2.4021,
-36.5428

■ 53.2404, 8.3519,
-72.4052

■ 76.6171, -4.1301,
-26.0733

■ 48.3819, 14.2380,
-85.8758

■ 83.2093, -5.1521,
-16.2289

■ 44.0296, 21.3789,
-99.8932

■ 90.0303, -5.5774,
-6.9259

■ 41.7003, 26.0530,

■ 97.0551, -5.4974,

-108.3627

1.9137

100.0000, -5.3358,
5.4332

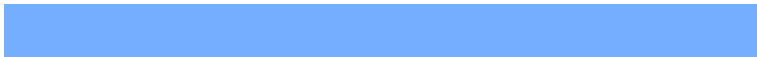
Harmonies

Analogous

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



64.2460, -19.5890, -41.9700



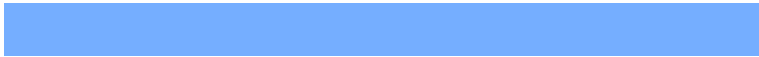
64.2449, 0.1596, -47.7210



64.2460, 21.4325, -36.5518

Triad

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



64.2460, 0.1596, -47.7188



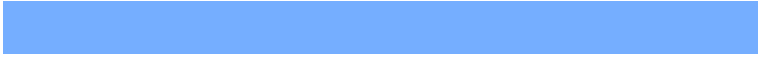
64.2460, 33.0684, 21.8718



64.2460, -36.0875, 17.6788

Complementary

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



64.2449, 0.1596, -47.7210



79.3313, 6.6281, 36.4201

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.



64.2460, -25.0086, 27.6603



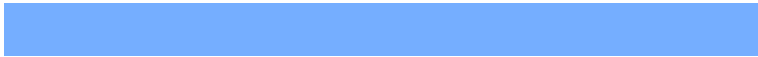
64.2449, 0.1596, -47.7210



64.2460, 14.4998, 29.4799

Square

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



64.2460, 0.1596, -47.7188



64.2460, 41.9267, 6.7853



64.2460, -6.9453, 31.1941



64.2460, -38.9002, 0.0253

Rectangle

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



64.2449, 0.1596, -47.7210



64.2460, 33.1159, -22.6206



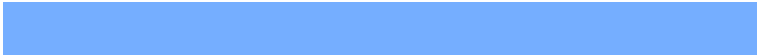
64.2460, -6.9453, 31.1941



64.2460, -33.2831, 21.8357

Sweetspot

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



64.2460, 0.1596, -47.7188



88.7283, -5.5384, -8.6418



89.0824, -49.2282, 18.6716



40.3958, -2.5329, -4.8740

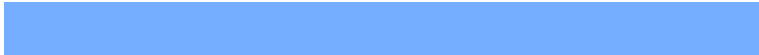
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.2460, 0.1596, -47.7188



58.0614, 4.0616, -60.7615



49.5708, 33.4871, -82.0256



43.1394, -2.5901, -1.2941



30.5999, 17.7746, -76.6174



10.5871, 3.3080, -20.3739

Inverse Universe

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



60.8607, 55.5155, -0.5382



55.5923, 66.4033, 1.0582



95.8897, -26.1339, 48.2220



42.5576, 2.3660, 1.5024



34.1661, 60.1624, 9.2721



10.7596, 19.1332, 1.4723

Previews

White Background



This preview shows how the HunterLab color 64.2449, 0.1596, -47.7210 looks on a white background.

Color Contrast Check

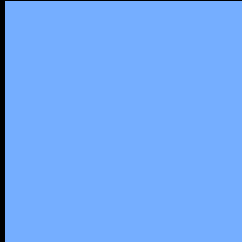
Large Text (above 18pt) WCAG AA × Fail

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 64.2449, 0.1596, -47.7210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

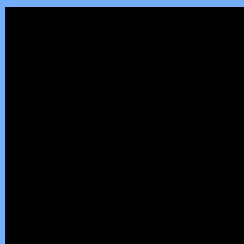
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

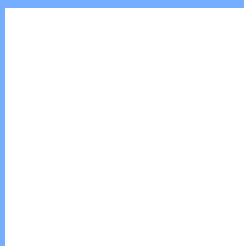
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.2449, 0.1596, -47.7210 Background



This preview shows how black text looks on a background with the HunterLab color 64.2449, 0.1596, -47.7210.



This preview shows how white text looks on a background with the HunterLab color 64.2449, 0.1596, -47.7210.

-47.7210.

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

64.2449, 0.1596, -47.7210

Protanopia

64.1930, 7.0783, -43.8553

Deuteranopia

64.0607, 5.6373, -47.9895



Tritanopia

64.3502, -21.8955, -11.0777

Trichromacy



Original Color

64.2449, 0.1596, -47.7210

Protanomaly

64.2047, 4.3120, -45.4077

Deuteranomaly

63.9805, 3.8574, -48.1799

Tritanomaly

64.1546, -14.4683, -23.2975

Monochromacy



Original Color

64.2449, 0.1596, -47.7210

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 64.2449, 0.1596, -47.7210 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, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(117, 174, 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, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 174, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.2449, 0.1596, -47.7210 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, 174, 255) }
```


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

```
.border{ border-color:rgb(117, 174, 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, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(117, 174,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.2449, 0.1596, -47.7210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 174, 255) }
```

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

```
.background{ background-color: rgb(117,  
174, 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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