

Converting Colors

HunterLab(69.5093, 13.7096,
-105.5431)

Have a look what the booklet for
HunterLab(69.5093, 13.7096,
-105.5431) contains.

HunterLab(64.8488, -10.4008, -46.7207)	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(64.8488,
-10.4008, -46.7207)**

Conversions

Conversions Part 1

Format	Color
Hex	48B6FF
RGB	72, 182, 255
RGB Percent	28%, 71%, 100%
CMY	0.7176, 0.2863, 0.0000
CMYK	0.72, 0.29, 0.00, 0.00
HSL	204°, 100%, 64%
HSV	204°, 72%, 100%
XYZ	37.4505, 42.0537, 100.7512
YIQ	157.4320, -88.9930, -0.6170

Conversions

Conversions Part 2

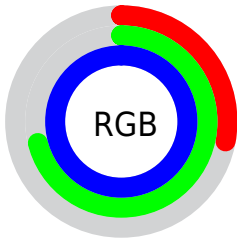
Format	Color
R_YB	72, 141, 255
Decimal	4765439
CIE _{Lab}	70.91, -8.04, -45.05
CIE _{LCh}	71, 45.762, 259.875
Yxy	42.0550, 0.2078, 0.2333
Android (android.graphics.Color)	4282955519 (0xFF48B6FF)
YUV	157.4320, 48.1010, -74.9239
Hunter-Lab	64.8488, -10.4008, -46.7207

Details

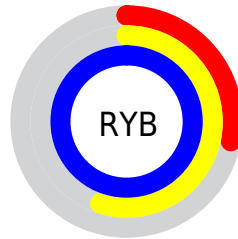
The HunterLab color **64.8488, -10.4008, -46.7207** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **64.7935, 31.3460, 34.8621**, and the grayscale version is **58.0801, -3.0990, 3.1556**.

A 20% lighter version of the original color is **86.0417, -26.9096, -12.6453**, and **44.4722, -5.4050, -43.9184** is the 20% darker color. If you saturate the color by 10%, you get **61.0353, -7.6113, -54.4260**, and if you desaturate by 10%, it is **68.9679, -12.1914, -39.0477**.

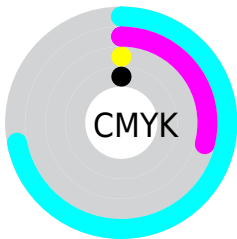
Distribution



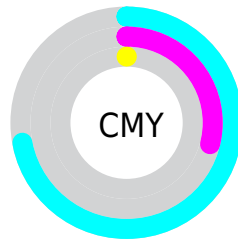
- Red (28%)
- Green (71%)
- Blue (100%)



- Red (28%)
- Yellow (55%)
- Blue (100%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (72%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8488, -10.4008, -46.7207 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 64.8488, -10.4008, -46.7207 by changing the saturation by 10% instead.

■ 64.8488, -10.4008,
-46.7207

■ 64.8488, -10.4008,
-46.7207

188.3377,
-20.0657, -51.9685

■ 53.9855, -9.3907,
-46.0156

■ 88.4776, -12.4506,
-48.1318

■ 43.8065, -8.3871,
-45.3680

■ 101.1775,
-13.4943, -48.8031

■ 34.3623, -7.3849,
-44.8597

■ 114.4329,
-14.5518, -49.4382

■ 25.7155, -6.3764,
-44.6613

■ 128.2213,
-15.6240, -50.0323

■ 17.9477, -5.3481,
-45.1598

142.5230,
-16.7111, -50.5831

■ 11.1726, -4.2735,
-47.4065

157.3201,

■ 3.1720, -5.5509,

-17.8137, -51.0895

-101.7168

172.5965,
-18.9318, -51.5512

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 64.8488, -10.4008,
-46.7207

■ 64.8488, -10.4008,
-46.7207

■ 61.0353, -7.6113,
-54.4260

■ 68.9679, -12.1914,
-39.0477

■ 57.5323, -3.8195,
-62.1140

■ 73.3731, -13.0353,
-31.4650

■ 54.8567, -0.0527,
-68.4522

■ 78.0456, -13.0079,
-24.0084

■ 82.9646, -12.1941,
-16.7018

■ 88.1100, -10.6791,

-9.5564

■ 93.4629, -8.5433,
-2.5744

■ 99.0061, -5.8597,
4.2484

■ 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.



64.8498, -27.4566, -33.1810



64.8488, -10.4008, -46.7207



64.8498, 10.8217, -43.8933

Triad

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



64.8498, -10.4006, -46.7185



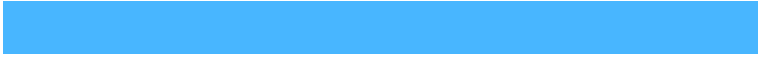
64.8498, 38.9786, 15.2631



64.8498, -31.5047, 23.7029

Complementary

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



64.8488, -10.4008, -46.7207



64.7935, 31.3460, 34.8621

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.



64.8498, -16.6104, 30.2334



64.8488, -10.4008, -46.7207



64.8498, 24.6206, 26.5431

Square

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



64.8498, -10.4006, -46.7185



64.8498, 41.1941, -3.5811



64.8498, 3.7776, 31.0746



64.8498, -38.5748, 9.9171

Rectangle

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



64.8488, -10.4008, -46.7207



64.8498, 24.4644, -33.3442



64.8498, 3.7776, 31.0746



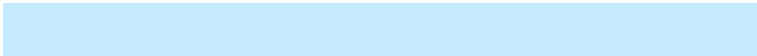
64.8498, -27.3426, 26.6060

Sweetspot

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



64.8498, -10.4006, -46.7185



87.9839, -10.7231, -9.7261



86.5193, -62.0183, 34.6473



40.0506, -5.1790, -5.3892

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8498, -10.4006, -46.7185



59.5119, -6.1236, -57.6912



40.6085, 37.3736, -112.4541



43.8112, -3.6935, -0.4728



40.0301, -0.6806, -48.5650



13.3192, -1.5757, -13.2464

Inverse Universe

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



54.1053, 76.8763, -13.8129



50.3119, 85.3910, -10.8819



89.6523, -14.0678, 50.9411



42.6268, 2.7373, 0.5171



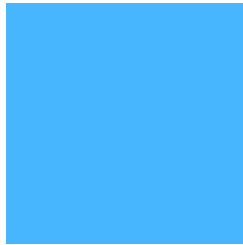
35.1363, 63.6919, -4.5813



11.0618, 20.2274, -2.8033

Previews

White Background



This preview shows how the HunterLab color 64.8488, -10.4008, -46.7207 looks on a white background.

Color Contrast Check

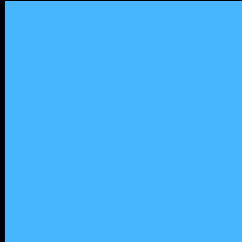
Large Text (above 18pt) WCAG AA × Fail

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 64.8488, -10.4008, -46.7207 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

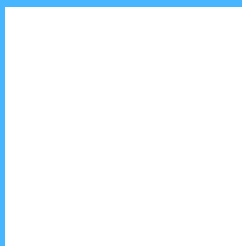
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.8488, -10.4008, -46.7207 Background



This preview shows how black text looks on a background with the HunterLab color 64.8488, -10.4008, -46.7207.



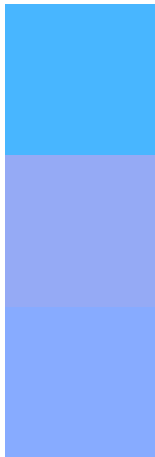
This preview shows how white text looks on a background with the HunterLab color 64.8488, -10.4008, -46.7207.

-10.4008, -46.7207.

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

64.8488, -10.4008, -46.7207

Protanopia

64.6000, 6.4582, -39.3662

Deuteranopia

64.4179, 5.3245, -47.2893



Tritanopia

64.8178, -29.7900, -14.5783

Trichromacy



Original Color

64.8488, -10.4008, -46.7207

Protanomaly

64.1690, -0.6930, -43.2797

Deuteranomaly

64.2843, -1.2560, -47.6679

Tritanomaly

64.7176, -23.6814, -25.1425

Monochromacy



Original Color

64.8488, -10.4008, -46.7207

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

59.6308, -8.9654, -13.5765

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8488, -10.4008, -46.7207 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(72, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(72, 182, 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(72, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 182, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8488, -10.4008, -46.7207 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(72, 182, 255) }
```


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

```
.border{ border-color:rgb(72, 182, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 182, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 182, 255);  
box-shadow:4px 4px 4px 4px rgb(72, 182,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8488, -10.4008, -46.7207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 182, 255) }
```

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

```
.background{ background-color: rgb(72, 182,  
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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