

Converting Colors

HunterLab(63.7909, -2.9140,
-48.6759)

Have a look what the booklet for
HunterLab(63.7909, -2.9140,
-48.6759) contains.

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Color

**HunterLab(63.8003, -2.9297,
-48.6575)**

Conversions

Conversions Part 1

Format	Color
Hex	66AFFF
RGB	102, 175, 255
RGB Percent	40%, 69%, 100%
CMY	0.6000, 0.3137, 0.0000
CMYK	0.60, 0.31, 0.00, 0.00
HSL	211°, 100%, 70%
HSV	211°, 60%, 100%
XYZ	38.8595, 40.7048, 100.4166
YIQ	162.2930, -69.1880, 9.4040

Conversions

Conversions Part 2

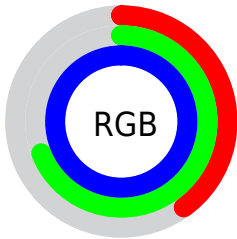
Format	Color
R _Y B	102, 151, 255
Decimal	6729727
CIE Lab	69.97, 0.54, -46.45
CIE LCh	70, 46.456, 270.672
Yxy	40.7061, 0.2159, 0.2262
Android (android.graphics.Color)	4284919807 (0xFF66AFFF)
YUV	162.2930, 45.7046, -52.8770
Hunter-Lab	63.8003, -2.9297, -48.6575

Details

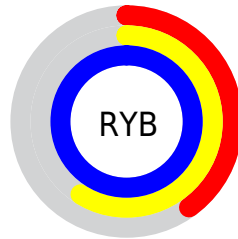
The HunterLab color **63.8003, -2.9297, -48.6575** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **74.6175, 13.8313, 36.2312**, and the grayscale version is **60.0694, -3.2052, 3.2637**.

A 20% lighter version of the original color is **84.6169, -18.4480, -14.4729**, and **42.9112, -1.8543, -47.4091** is the 20% darker color. If you saturate the color by 10%, you get **58.7380, 0.3284, -59.2971**, and if you desaturate by 10%, it is **69.1963, -5.1828, -38.5157**.

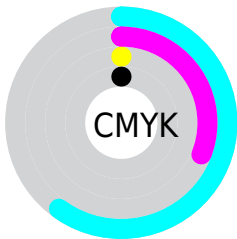
Distribution



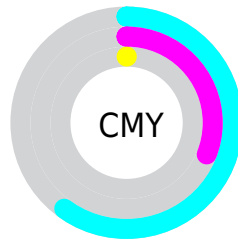
- Red (40%)
- Green (69%)
- Blue (100%)



- Red (40%)
- Yellow (59%)
- Blue (100%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8003, -2.9297, -48.6575 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 63.8003, -2.9297, -48.6575 by changing the saturation by 10% instead.

■ 63.8003, -2.9297,
-48.6575

■ 63.8003, -2.9297,
-48.6575

186.8397, -9.2958,
-54.1480

■ 52.9995, -2.3813,
-47.9539

■ 87.3141, -4.1329,
-50.0981

■ 42.8872, -1.8717,
-47.3278

■ 99.9606, -4.7839,
-50.7934

■ 33.5151, -1.4040,
-46.8755

■ 113.1648, -5.4658,
-51.4560

■ 24.9470, -0.9824,
-46.7978

126.9040, -6.1772,
-52.0801

■ 17.2669, -0.6124,
-47.5550

141.1583, -6.9168,
-52.6625

■ 10.5928, -0.3021,
-50.4239

155.9095, -7.6838,

0.0000, INF, -NF

-53.2016

0.0000, NaN, -NF

171.1416, -8.4770,
-53.6968

0.0000, NaN, -NF

■ 63.8003, -2.9297,
-48.6575

■ 63.8003, -2.9297,
-48.6575

■ 58.7380, 0.3284,
-59.2971

■ 69.1963, -5.1828,
-38.5157

■ 54.0455, 4.6959,
-70.4037

■ 74.8861, -6.5507,
-28.8746

■ 49.7610, 10.2294,
-81.8832

■ 80.8379, -7.1504,
-19.7026

■ 45.8887, 16.8202,
-93.6662

■ 87.0235, -7.0883,
-10.9579

■ 45.8875, 16.8223,
-93.6700

■ 93.4184, -6.4569,
-2.5939

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.



63.8013, -22.1489, -40.3564



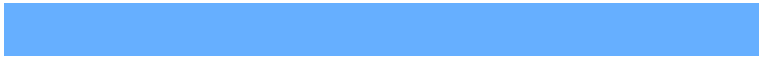
63.8003, -2.9297, -48.6575



63.8013, 18.7161, -39.6224

Triad

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



63.8013, -2.9296, -48.6553



63.8013, 35.5191, 20.2382



63.8013, -35.1626, 19.6788

Complementary

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



63.8003, -2.9297, -48.6575



74.6175, 13.8313, 36.2312

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.



63.8013, -22.8753, 28.6098



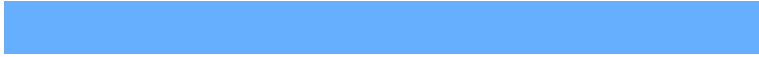
63.8003, -2.9297, -48.6575



63.8013, 17.7824, 28.8508

Square

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



63.8013, -2.9296, -48.6553



63.8013, 42.6166, 3.9253



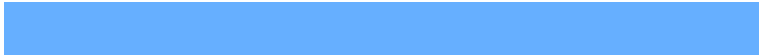
63.8013, -3.8844, 31.3290



63.8013, -39.2258, 3.0171

Rectangle

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



63.8003, -2.9297, -48.6575



63.8013, 31.2358, -26.2687



63.8013, -3.8844, 31.3290



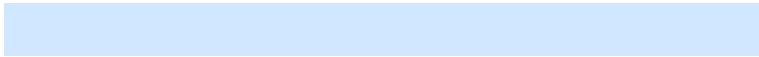
63.8013, -31.9436, 23.4642

Sweetspot

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



63.8013, -2.9296, -48.6553



88.2844, -7.0050, -9.2588



88.1383, -53.8184, 23.9413



39.9956, -3.2935, -5.4314

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



63.8013, -2.9296, -48.6553



57.7670, 1.1116, -61.4867



44.3856, 37.2457, -98.3740



43.3676, -2.9668, -1.0137



33.6113, 11.2487, -66.2940



11.4763, 1.5856, -17.7673

Inverse Universe

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



58.1890, 62.9918, -4.3676



53.2172, 73.8297, -2.4582



96.5707, -23.9619, 51.3680



42.5810, 2.4916, 1.1690



34.4506, 61.2025, 5.1693



10.8513, 19.4667, 0.1629

Previews

White Background



This preview shows how the HunterLab color 63.8003, -2.9297, -48.6575 looks on a white background.

Color Contrast Check

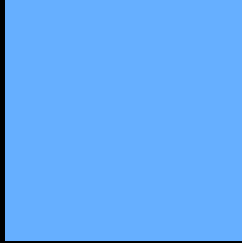
Large Text (above 18pt) WCAG AA × Fail

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 63.8003, -2.9297, -48.6575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

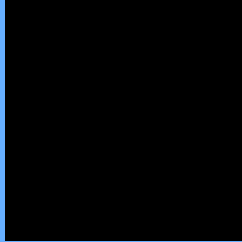
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

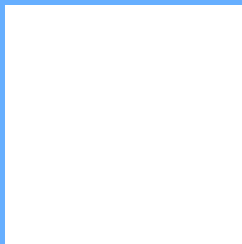
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.8003, -2.9297, -48.6575 Background



This preview shows how black text looks on a background with the HunterLab color 63.8003, -2.9297, -48.6575.



This preview shows how white text looks on a background with the HunterLab color 63.8003, -2.9297, -48.6575.

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

63.8003, -2.9297, -48.6575

Protanopia

63.4954, 7.6443, -44.4273

Deuteranopia

63.5777, 5.5292, -48.9543



Tritanopia

63.9957, -24.8470, -12.1962

Trichromacy



Original Color

63.8003, -2.9297, -48.6575

Protanomaly

63.4852, 3.3065, -46.0586

Deuteranomaly

63.5129, 2.2785, -49.1411

Tritanomaly

63.7986, -17.3326, -24.5634

Monochromacy



Original Color

63.8003, -2.9297, -48.6575

Achromatopsia

60.1088, -3.2073, 3.2658

Achromatomaly

60.9905, -5.4767, -13.2823

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8003, -2.9297, -48.6575 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(102, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(102, 175, 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(102, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 175, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8003, -2.9297, -48.6575 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(102, 175, 255) }
```


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

```
.border{ border-color:rgb(102, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(102, 175,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8003, -2.9297, -48.6575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 175, 255) }
```

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

```
.background{ background-color: rgb(102,  
175, 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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