

Converting Colors

HunterLab(49.9602, 5.2489,
-68.8161)

Have a look what the booklet for
HunterLab(49.9602, 5.2489,
-68.8161) contains.

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Color

**HunterLab(50.0389, 5.1462,
-68.6112)**

Conversions

Conversions Part 1

Format	Color
Hex	288AF2
RGB	40, 138, 242
RGB Percent	16%, 54%, 95%
CMY	0.8431, 0.4588, 0.0510
CMYK	0.83, 0.43, 0.00, 0.05
HSL	211°, 89%, 55%
HSV	211°, 83%, 95%
XYZ	25.9906, 25.0389, 87.4676
YIQ	120.5540, -91.7920, 11.5680

Conversions

Conversions Part 2

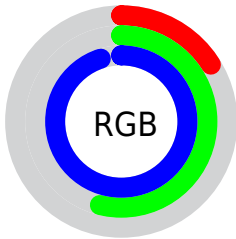
Format	Color
R _Y B	40, 106, 242
Decimal	2657010
CIE Lab	57.11, 9.39, -59.86
CIE LCh	57, 60.594, 278.918
Yxy	25.0397, 0.1877, 0.1808
Android (android.graphics.Color)	4280847090 (0xFF288AF2)
YUV	120.5540, 59.8729, -70.6459
Hunter-Lab	50.0389, 5.1462, -68.6112

Details

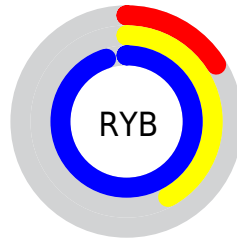
The HunterLab color **50.0389, 5.1462, -68.6112** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **62.4370, 25.0402, 37.0036**, and the grayscale version is **43.3566, -2.3134, 2.3556**.

A 20% lighter version of the original color is **69.5727, -8.1226, -37.8968**, and **32.6306, 10.3420, -63.1109** is the 20% darker color. If you saturate the color by 10%, you get **46.1778, 10.5692, -79.2188**, and if you desaturate by 10%, it is **54.2850, 0.8066, -58.2858**.

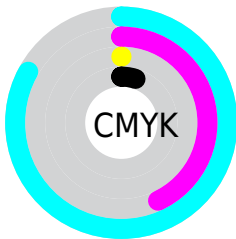
Distribution



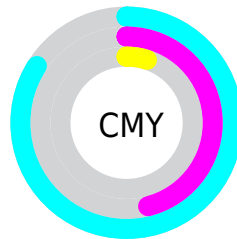
- Red (16%)
- Green (54%)
- Blue (95%)



- Red (16%)
- Yellow (42%)
- Blue (95%)



- Cyan (83%)
- Magenta (43%)
- Yellow (0%)
- Black (5%)



- Cyan (84%)
- Magenta (46%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0389, 5.1462, -68.6112 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 50.0389, 5.1462, -68.6112 by changing the saturation by 10% instead.

■ 50.0389, 5.1462,
-68.6112

■ 50.0389, 5.1462,
-68.6112

166.7439, 2.5852,
-75.3312

■ 40.1330, 5.1561,
-68.4079

■ 71.9177, 4.9280,
-69.7923

■ 30.9833, 5.0847,
-68.7652

■ 83.8088, 4.7310,
-70.5583

■ 22.6590, 4.9190,
-70.2045

■ 96.2915, 4.4826,
-71.3676

■ 15.2522, 4.6380,
-73.9632

■ 109.3388, 4.1866,
-72.1909

■ 8.8745, 4.2884,
-83.9383

■ 122.9274, 3.8463,
-73.0093

0.0000, NaN, -NF

0.0000, NaN, -NF

137.0365, 3.4644,

-73.8104

0.0000, NaN, -NF

151.6476, 3.0434,
-74.5862

0.0000, NaN, -NF

■ 50.0389, 5.1462,
-68.6112

■ 50.0389, 5.1462,
-68.6112

■ 46.1778, 10.5692,
-79.2188

■ 54.2850, 0.8066,
-58.2858

■ 43.8467, 14.5985,
-86.3187

■ 58.8838, -2.4799,
-48.3439

■ 63.8011, -4.7965,
-38.8354

■ 69.0029, -6.2497,
-29.7706

■ 74.4580, -6.9487,
-21.1331

■ 80.1394, -6.9948,
-12.8908

■ 86.0236, -6.4780,
-5.0048

■ 92.0903, -5.4757,
2.5652

■ 98.0478, -5.0068,
9.5307

Harmonies

Analogous

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



50.0396, -19.0970, -63.1514



50.0389, 5.1462, -68.6112



50.0396, 31.9562, -48.7653

Triad

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



50.0396, 5.1474, -68.6099



50.0396, 41.4121, 24.0408



50.0396, -40.6578, 16.7498

Complementary

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



50.0389, 5.1462, -68.6112



62.4370, 25.0402, 37.0036

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.



50.0396, -29.8699, 27.1028



50.0389, 5.1462, -68.6112



50.0396, 16.1882, 29.6093

Square

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



50.0396, 5.1474, -68.6099



50.0396, 55.4764, 9.4206



50.0396, -10.0402, 30.3498



50.0396, -42.4432, -5.0493

Rectangle

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



50.0389, 5.1462, -68.6112



50.0396, 46.5519, -27.7873



50.0396, -10.0402, 30.3498



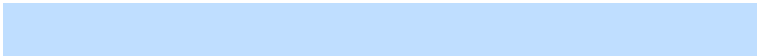
50.0396, -38.0851, 21.2988

Sweetspot

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



50.0396, 5.1474, -68.6099



84.0621, -7.4579, -15.0599



81.1663, -59.7104, 30.5583



37.9020, -3.4598, -8.3824

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.0396, 5.1474, -68.6099



46.4329, 15.6949, -91.9179



28.9507, 58.2374, -153.1802



40.6133, -2.8166, -0.8947



32.5566, 9.8474, -61.9505



10.3933, 0.9288, -14.9958

Inverse Universe

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



47.1502, 76.3580, 0.1545



47.6525, 84.6443, 7.2432



90.8490, -23.8982, 54.2510



39.8580, 2.3161, 1.0623



32.9596, 58.6359, 4.3094



9.6113, 17.2932, -0.2517

Previews

White Background



This preview shows how the HunterLab color 50.0389, 5.1462, -68.6112 looks on a white background.

Color Contrast Check

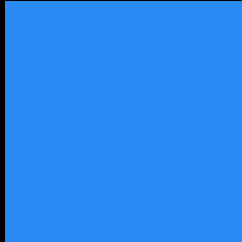
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.0389, 5.1462, -68.6112 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

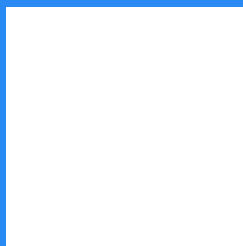
Any Text WCAG AAA × Fail

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

HunterLab 50.0389, 5.1462, -68.6112 Background



This preview shows how black text looks on a background with the HunterLab color 50.0389, 5.1462, -68.6112.



This preview shows how white text looks on a background with the HunterLab color 50.0389, 5.1462, -68.6112.

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

50.0389, 5.1462, -68.6112

Protanopia

50.0133, 11.6727, -63.9596

Deuteranopia

49.9811, 4.9541, -68.7653



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

50.0389, 5.1462, -68.6112

Protanomaly

49.8994, 8.6968, -66.1291

Deuteranomaly

49.9998, 5.0165, -68.7153

Tritanomaly

49.4175, -14.6731, -28.9433

Monochromacy



Original Color

50.0389, 5.1462, -68.6112

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.9118, -3.8975, -19.3874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.0389, 5.1462, -68.6112 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(40, 138, 242)` looks like.

```
.text, #text, p{  
    color:rgb(40, 138, 242)  
}
```

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(40, 138, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 138, 242) }
```

Border

The CSS property to change the border of an element to HunterLab 50.0389, 5.1462, -68.6112 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(40, 138, 242) }
```


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

```
.border{ border-color:rgb(40, 138, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 138, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 138, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 138, 242);  
box-shadow:4px 4px 4px 4px rgb(40, 138,  
242) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.0389, 5.1462, -68.6112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 138, 242) }
```

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

```
.background{ background-color: rgb(40, 138,  
242) }
```

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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