

Converting Colors

HunterLab(49.8310, 4.8686,
-60.9335)

Have a look what the booklet for
HunterLab(49.8310, 4.8686,
-60.9335) contains.

HunterLab(49.8310, 4.8686, -60.9335)	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(49.8310, 4.8686,
-60.9335)**

Conversions

Conversions Part 1

Format	Color
Hex	3F89E9
RGB	63, 137, 233
RGB Percent	25%, 54%, 91%
CMY	0.7529, 0.4627, 0.0863
CMYK	0.73, 0.41, 0.00, 0.09
HSL	214°, 79%, 58%
HSV	214°, 73%, 91%
XYZ	25.7035, 24.8313, 80.5290
YIQ	125.8180, -74.9200, 14.1680

Conversions

Conversions Part 2

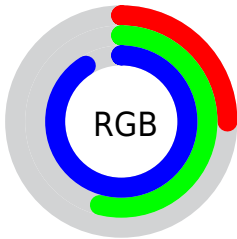
Format	Color
R _{YB}	63, 115, 233
Decimal	4164073
CIE Lab	56.91, 9.07, -55.16
CIE LCh	57, 55.899, 279.335
Yxy	24.8321, 0.1961, 0.1895
Android (android.graphics.Color)	4282354153 (0xFF3F89E9)
YUV	125.8180, 52.8407, -55.0914
Hunter-Lab	49.8310, 4.8686, -60.9335

Details

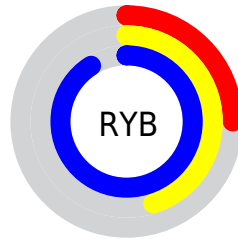
The HunterLab color **49.8310, 4.8686, -60.9335** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **65.1789, 14.3838, 36.1355**, and the grayscale version is **45.4281, -2.4239, 2.4682**.

A 20% lighter version of the original color is **69.8518, -5.5367, -37.3573**, and **31.8650, 8.2394, -57.6149** is the 20% darker color. If you saturate the color by 10%, you get **45.5022, 9.6558, -72.2438**, and if you desaturate by 10%, it is **54.5346, 1.1437, -50.1898**.

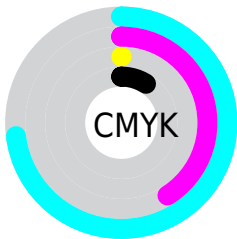
Distribution



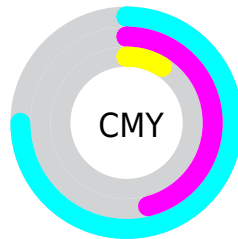
- Red (25%)
- Green (54%)
- Blue (91%)



- Red (25%)
- Yellow (45%)
- Blue (91%)



- Cyan (73%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (75%)
- Magenta (46%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.8310, 4.8686, -60.9335 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 49.8310, 4.8686, -60.9335 by changing the saturation by 10% instead.

■ 49.8310, 4.8686,
-60.9335

■ 49.8310, 4.8686,
-60.9335

166.4333, 2.1912,
-67.4833

■ 39.9399, 4.8942,
-60.5551

■ 71.6831, 4.6206,
-62.2499

■ 30.8061, 4.8397,
-60.6046

■ 83.5619, 4.4098,
-63.0214

■ 22.4995, 4.6921,
-61.5009

■ 96.0328, 4.1482,
-63.8111

■ 15.1124, 4.4304,
-64.2450

■ 109.0690, 3.8394,
-64.5968

■ 8.7472, 4.1433,
-72.1294

122.6469, 3.4868,
-65.3642

0.0000, NaN, -NF

0.0000, NaN, -NF

136.7456, 3.0931,

-66.1046

0.0000, NaN, -NF

151.3467, 2.6605,
-66.8121

0.0000, NaN, NaN

■ 49.8310, 4.8686,
-60.9335

■ 49.8310, 4.8686,
-60.9335

■ 45.5022, 9.6558,
-72.2438

■ 54.5346, 1.1437,
-50.1898

■ 41.5898, 15.5407,
-84.0011

■ 59.5659, -1.6216,
-40.0586

■ 39.0789, 20.2354,
-92.5276

■ 64.8849, -3.5461,
-30.5242

■ 70.4566, -4.7478,
-21.5413

■ 76.2512, -5.3331,
-13.0510

■ 82.2439, -5.3937,
-4.9917

■ 88.4138, -5.0069,
2.6953

■ 94.7435, -4.2370,
10.0629

■ 99.3294, -9.0222,
15.0322

Harmonies

Analogous

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



49.8318, -17.6034, -56.4645



49.8310, 4.8686, -60.9335



49.8318, 29.2788, -43.2044

Triad

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



49.8318, 4.8695, -60.9322



49.8318, 37.2514, 22.9676



49.8318, -38.2369, 15.6048

Complementary

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



49.8310, 4.8686, -60.9335



65.1789, 14.3838, 36.1355

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.



49.8318, -28.1541, 25.7978



49.8310, 4.8686, -60.9335



49.8318, 14.2789, 28.4768

Square

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



49.8318, 4.8695, -60.9322



49.8318, 50.1240, 9.1838



49.8318, -9.7704, 29.1957



49.8318, -39.8211, -4.7631

Rectangle

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



49.8310, 4.8686, -60.9335



49.8318, 42.3829, -24.5135



49.8318, -9.7704, 29.1957



49.8318, -35.8321, 20.0110

Sweetspot

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



49.8318, 4.8695, -60.9322



85.0258, -5.9349, -13.6830



78.5830, -52.9451, 23.5953



38.5146, -2.6988, -7.4878

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8318, 4.8695, -60.9322



47.9736, 14.1185, -87.1163



32.8611, 46.3651, -118.0323



39.5317, -2.4860, -1.0645



29.8362, 14.3588, -68.2891



9.4193, 1.8580, -15.7841

Inverse Universe

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



47.6301, 66.1708, 1.0467



48.7698, 81.6753, 6.5397



86.3509, -25.1572, 49.5385



38.9396, 2.1641, 1.2762



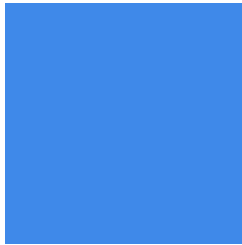
32.2358, 56.9471, 7.3240



9.1377, 16.3392, 0.5513

Previews

White Background



This preview shows how the HunterLab color 49.8310, 4.8686, -60.9335 looks on a white background.

Color Contrast Check

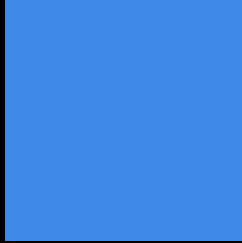
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8310, 4.8686, -60.9335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

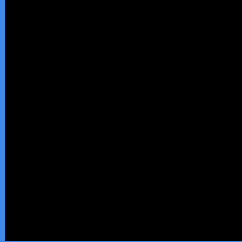
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

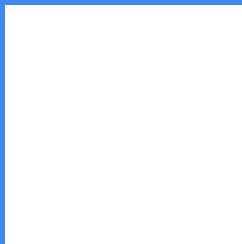
Any Text WCAG AAA × Fail

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

HunterLab 49.8310, 4.8686, -60.9335 Background



This preview shows how black text looks on a background with the HunterLab color 49.8310, 4.8686, -60.9335.



This preview shows how white text looks on a background with the HunterLab color 49.8310, 4.8686, -60.9335.

-60.9335.

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

49.8310, 4.8686, -60.9335

Protanopia

49.8649, 10.2814, -57.2335

Deuteranopia

49.7982, 4.7596, -61.0159



Tritanopia

49.7412, -23.9305, -10.5131

Trichromacy



Original Color

49.8310, 4.8686, -60.9335

Protanomaly

49.6008, 8.1164, -58.7811

Deuteranomaly

49.7982, 4.7596, -61.0159

Tritanomaly

49.3668, -15.1269, -26.9857

Monochromacy



Original Color

49.8310, 4.8686, -60.9335

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.4386, -2.9786, -16.8854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8310, 4.8686, -60.9335 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(63, 137, 233)` looks like.

```
.text, #text, p{  
    color:rgb(63, 137, 233)  
}
```

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(63, 137, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 137, 233) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8310, 4.8686, -60.9335 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(63, 137, 233) }
```


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

```
.border{ border-color:rgb(63, 137, 233) }
```

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

Here you see how a box with a 4 pixel rgb(63, 137, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 137, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 137, 233);  
box-shadow:4px 4px 4px 4px rgb(63, 137,  
233) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8310, 4.8686, -60.9335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 137, 233) }
```

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

```
.background{ background-color: rgb(63, 137,  
233) }
```

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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