

Converting Colors

HunterLab(49.1846, 0.5103,
-45.5683)

Have a look what the booklet for
HunterLab(49.1846, 0.5103,
-45.5683) contains.

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Color

**HunterLab(49.1846, 0.5103,
-45.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	4B89D5
RGB	75, 137, 213
RGB Percent	29%, 54%, 84%
CMY	0.7059, 0.4627, 0.1647
CMYK	0.65, 0.36, 0.00, 0.16
HSL	213°, 62%, 56%
HSV	213°, 65%, 84%
XYZ	23.8575, 24.1912, 66.3627
YIQ	127.1260, -61.3480, 10.4920

Conversions

Conversions Part 2

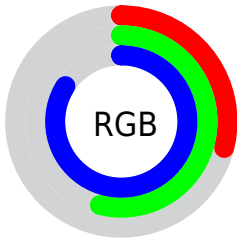
Format	Color
R_{YB}	75, 118, 213
Decimal	4950485
CIE _{Lab}	56.28, 3.86, -44.95
CIE _{LCh}	56, 45.117, 274.904
Yxy	24.1921, 0.2085, 0.2114
Android (android.graphics.Color)	4283140565 (0xFF4B89D5)
YUV	127.1260, 42.3359, -45.7145
Hunter-Lab	49.1846, 0.5103, -45.5683

Details

The HunterLab color **49.1846, 0.5103, -45.5683** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **60.6545, 10.9192, 31.0580**, and the grayscale version is **45.9757, -2.4531, 2.4979**.

A 20% lighter version of the original color is **70.2005, -4.3177, -36.7222**, and **30.7377, 2.3140, -43.4147** is the 20% darker color. If you saturate the color by 10%, you get **45.0735, 3.8260, -54.9656**, and if you desaturate by 10%, it is **53.5892, -1.9422, -36.6607**.

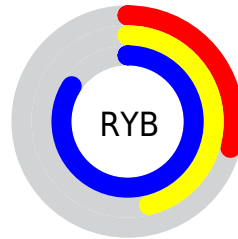
Distribution



Red (29%)

Green (54%)

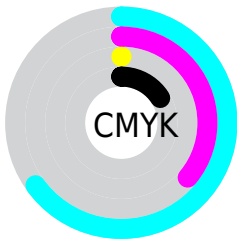
Blue (84%)



Red (29%)

Yellow (46%)

Blue (84%)

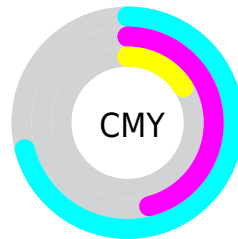


Cyan (65%)

Magenta (36%)

Yellow (0%)

Black (16%)



Cyan (71%)

Magenta (46%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1846, 0.5103, -45.5683 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 49.1846, 0.5103, -45.5683 by changing the saturation by 10% instead.

■ 49.1846, 0.5103,
-45.5683

■ 49.1846, 0.5103,
-45.5683

165.4660, -4.1681,
-51.1927

■ 39.3397, 0.8173,
-44.9687

■ 70.9531, -0.2536,
-46.9639

■ 30.2560, 1.0653,
-44.5711

■ 82.7935, -0.7029,
-47.6712

■ 22.0044, 1.2457,
-44.6177

■ 95.2279, -1.1925,
-48.3555

■ 14.6793, 1.3451,
-45.7025

■ 108.2291, -1.7198,
-49.0064

■ 8.3378, 1.5705,
-50.2354

121.7733, -2.2828,
-49.6181

0.0000, NaN, -NF

0.0000, NaN, -NF

135.8397, -2.8795,

-50.1873

0.0000, NaN, -NF

150.4096, -3.5084,
-50.7123

0.0000, NaN, NaN

■ 49.1846, 0.5103,
-45.5683

■ 49.1846, 0.5103,
-45.5683

■ 45.0735, 3.8260,
-54.9656

■ 53.5892, -1.9422,
-36.6607

■ 41.2902, 8.0829,
-64.8095

■ 58.2502, -3.6340,
-28.2451

■ 37.8698, 13.3032,
-74.9902

■ 63.1381, -4.6666,
-20.2908

■ 36.2128, 16.3085,
-80.4683

■ 68.2269, -5.1338,
-12.7542

■ 73.4944, -5.1175,
-5.5872

■ 78.9222, -4.6873,
1.2575

■ 84.4946, -3.9016,
7.8238

■ 90.1983, -2.8090,
14.1509

■ 94.8231, -5.6018,
18.9699

Harmonies

Analogous

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



49.1854, -17.0780, -39.9120



49.1846, 0.5103, -45.5683



49.1854, 19.8836, -34.8338

Triad

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



49.1854, 0.5108, -45.5671



49.1854, 30.7751, 18.6050



49.1854, -31.3404, 15.1731

Complementary

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



49.1846, 0.5103, -45.5683



60.6545, 10.9192, 31.0580

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.



49.1854, -21.6998, 23.3937



49.1846, 0.5103, -45.5683



49.1854, 13.7127, 24.7879

Square

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



49.1854, 0.5108, -45.5671



49.1854, 38.9554, 5.5353



49.1854, -5.6882, 26.1337



49.1854, -33.7864, -0.3632

Rectangle

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



49.1846, 0.5103, -45.5683



49.1854, 30.6882, -21.5640



49.1854, -5.6882, 26.1337



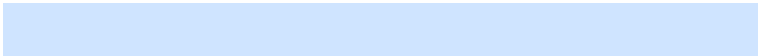
49.1854, -28.9133, 18.6643

Sweetspot

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



49.1854, 0.5108, -45.5671



87.2248, -6.3497, -10.6721



71.6354, -44.9401, 19.1561



39.4931, -2.9345, -6.1166

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.1854, 0.5108, -45.5671



53.3426, 6.6439, -72.1703



34.0984, 34.5475, -87.8432



35.9419, -2.3218, -0.8849



28.6498, 11.9998, -61.7139



8.1178, 0.8229, -11.9230

Inverse Universe

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



45.8101, 54.1567, -1.4558



51.1434, 77.3478, 1.5989



78.2517, -21.6391, 42.7949



35.3732, 1.9455, 1.1076



30.2877, 53.6263, 5.9462



7.5488, 13.5721, -0.1186

Previews

White Background



This preview shows how the HunterLab color 49.1846, 0.5103, -45.5683 looks on a white background.

Color Contrast Check

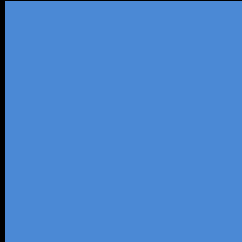
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.1846, 0.5103, -45.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

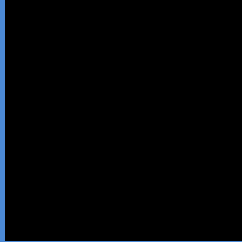
Any Text WCAG AA ✓ Pass

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 49.1846, 0.5103, -45.5683 Background



This preview shows how black text looks on a background with the HunterLab color 49.1846, 0.5103, -45.5683.



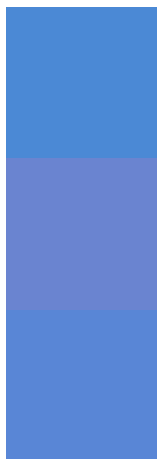
This preview shows how white text looks on a background with the HunterLab color 49.1846, 0.5103, -45.5683.

-45.5683.

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

49.1846, 0.5103, -45.5683

Protanopia

49.1129, 7.0236, -41.6541

Deuteranopia

49.0195, 4.4593, -46.6640



Tritanopia

49.2704, -20.9492, -10.0275

Trichromacy



Original Color

49.1846, 0.5103, -45.5683

Protanomaly

49.1286, 4.4119, -43.2338

Deuteranomaly

49.0589, 3.1358, -46.6009

Tritanomaly

49.0326, -13.9418, -21.6000

Monochromacy



Original Color

49.1846, 0.5103, -45.5683

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.7861, -3.7693, -12.2296

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1846, 0.5103, -45.5683 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(75, 137, 213)` looks like.

```
.text, #text, p{  
    color:rgb(75, 137, 213)  
}
```

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(75, 137, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 137, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1846, 0.5103, -45.5683 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(75, 137, 213) }
```


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

```
.border{ border-color:rgb(75, 137, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 137, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 137, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 137, 213);  
box-shadow:4px 4px 4px 4px rgb(75, 137,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1846, 0.5103, -45.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 137, 213) }
```

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

```
.background{ background-color: rgb(75, 137,  
213) }
```

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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