

Converting Colors

HunterLab(51.9341, 4.1027,
-57.6665)

Have a look what the booklet for
HunterLab(51.9341, 4.1027,
-57.6665) contains.

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Color

**HunterLab(51.8074, 4.3285,
-57.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	4B8EEB
RGB	75, 142, 235
RGB Percent	29%, 56%, 92%
CMY	0.7058, 0.4431, 0.0784
CMYK	0.68, 0.40, 0.00, 0.08
HSL	215°, 80%, 61%
HSV	215°, 68%, 92%
XYZ	27.5701, 26.8401, 82.3249
YIQ	132.5690, -69.7850, 14.7190

Conversions

Conversions Part 2

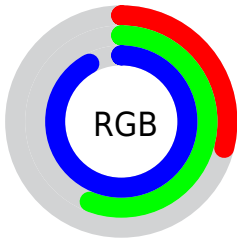
Format	Color
R _Y B	75, 122, 235
Decimal	4951787
CIE Lab	58.83, 8.46, -53.19
CIE LCh	59, 53.859, 279.033
Yxy	26.8409, 0.2016, 0.1963
Android (android.graphics.Color)	4283141867 (0xFF4B8EEB)
YUV	132.5690, 50.4985, -50.4880
Hunter-Lab	51.8074, 4.3285, -57.9500

Details

The HunterLab color **51.8074, 4.3285, -57.9500** 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 **67.9552, 11.1959, 36.2603**, and the grayscale version is **48.0883, -2.5659, 2.6127**.

A 20% lighter version of the original color is **71.9300, -6.2340, -33.7690**, and **33.0287, 6.8569, -56.0851** is the 20% darker color. If you saturate the color by 10%, you get **47.1624, 8.8701, -69.5925**, and if you desaturate by 10%, it is **56.8215, 0.8347, -46.9846**.

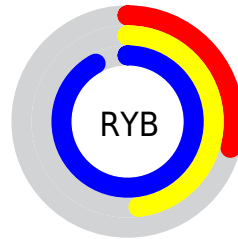
Distribution



Red (29%)

Green (56%)

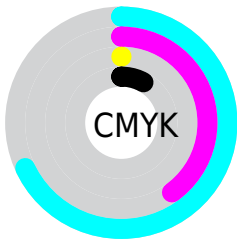
Blue (92%)



Red (29%)

Yellow (48%)

Blue (92%)

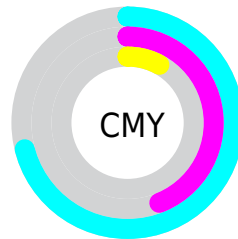


Cyan (68%)

Magenta (40%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (44%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.8074, 4.3285, -57.9500 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 51.8074, 4.3285, -57.9500 by changing the saturation by 10% instead.

■ 51.8074, 4.3285,
-57.9500

■ 51.8074, 4.3285,
-57.9500

169.3771, 1.3370,
-64.3876

■ 41.7777, 4.4004,
-57.4625

■ 73.9111, 3.9973,
-59.3411

■ 32.4939, 4.3967,
-57.3053

■ 85.9056, 3.7487,
-60.1120

■ 24.0226, 4.3056,
-57.8033

■ 98.4868, 3.4512,
-60.8871

■ 16.4507, 4.1087,
-59.7101

■ 111.6284, 3.1084,
-61.6485

■ 9.9013, 3.7764,
-65.1657

125.3076, 2.7232,
-62.3850

0.0000, INF, -NF

0.0000, NaN, -NF

139.5039, 2.2981,

-63.0896

0.0000, NaN, -NF

154.1992, 1.8354,
-63.7580

0.0000, NaN, NaN

■ 51.8074, 4.3285,
-57.9500

■ 51.8074, 4.3285,
-57.9500

■ 47.1624, 8.8701,
-69.5925

■ 56.8215, 0.8347,
-46.9846

■ 42.9350, 14.5363,
-81.8270

■ 62.1549, -1.7344,
-36.7059

■ 39.1648, 21.2828,
-94.4805

■ 67.7672, -3.5059,
-27.0695

■ 38.4820, 22.6475,
-96.9886

■ 73.6237, -4.5984,
-18.0098

■ 79.6956, -5.1158,
-9.4549

■ 85.9591, -5.1455,
-1.3352

■ 92.3944, -4.7602,
6.4129

■ 98.1983, -6.7572,
12.9353

■ 99.3872, -8.7032,
14.2015

Harmonies

Analogous

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



51.8082, -17.6009, -53.5241



51.8074, 4.3285, -57.9500



51.8082, 27.9826, -41.4100

Triad

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



51.8082, 4.3293, -57.9487



51.8082, 36.0662, 22.8722



51.8082, -37.8069, 15.6812

Complementary

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



51.8074, 4.3285, -57.9500



67.9552, 11.1959, 36.2603

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.



51.8082, -27.6842, 25.9470



51.8074, 4.3285, -57.9500



51.8082, 13.9496, 28.6679

Square

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



51.8082, 4.3293, -57.9487



51.8082, 48.2867, 8.9751



51.8082, -9.5010, 29.4766



51.8082, -39.4771, -4.1971

Rectangle

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



51.8074, 4.3285, -57.9500



51.8082, 40.6547, -23.6944



51.8082, -9.5010, 29.4766



51.8082, -35.3762, 20.0750

Sweetspot

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



51.8082, 4.3293, -57.9487



86.0813, -5.5445, -12.2170



79.7838, -51.3294, 21.5715



38.9503, -2.5033, -6.8672

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.8082, 4.3293, -57.9487



49.6975, 12.2408, -82.0312



36.0483, 42.4868, -106.3165



39.4783, -2.3978, -1.1301



29.1220, 15.9506, -70.8329



9.2317, 2.2208, -16.3329

Inverse Universe

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



49.6476, 62.9007, 1.1316



49.9122, 78.8730, 5.5808



87.0782, -25.6565, 48.6745



38.9342, 2.1348, 1.3540



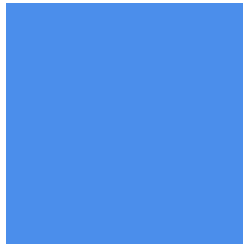
32.1698, 56.7055, 8.2778



9.1184, 16.2688, 0.8279

Previews

White Background



This preview shows how the HunterLab color 51.8074, 4.3285, -57.9500 looks on a white background.

Color Contrast Check

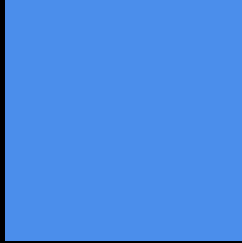
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.8074, 4.3285, -57.9500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

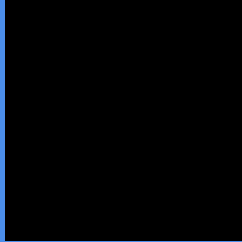
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

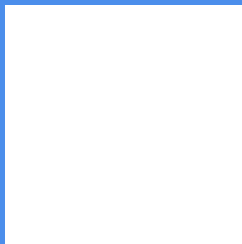
Any Text WCAG AAA × Fail

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

HunterLab 51.8074, 4.3285, -57.9500 Background



This preview shows how black text looks on a background with the HunterLab color 51.8074, 4.3285, -57.9500.



This preview shows how white text looks on a background with the HunterLab color 51.8074, 4.3285, -57.9500.

-57.9500.

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

51.8074, 4.3285, -57.9500

Protanopia

51.7977, 9.6554, -54.4501

Deuteranopia

51.8864, 4.5924, -57.7597



Tritanopia

51.7804, -23.8053, -11.4898

Trichromacy



Original Color

51.8074, 4.3285, -57.9500

Protanomaly

51.5932, 7.6656, -55.8074

Deuteranomaly

51.8466, 4.4595, -57.8555

Tritanomaly

51.4343, -15.0252, -26.7272

Monochromacy



Original Color

51.8074, 4.3285, -57.9500

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.9442, -2.7122, -15.9573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.8074, 4.3285, -57.9500 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, 142, 235)` looks like.

```
.text, #text, p{  
    color:rgb(75, 142, 235)  
}
```

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, 142, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 142, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 51.8074, 4.3285, -57.9500 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, 142, 235) }
```


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

```
.border{ border-color:rgb(75, 142, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 142, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 142, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 142, 235);  
box-shadow:4px 4px 4px 4px rgb(75, 142,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.8074, 4.3285, -57.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 142, 235) }
```

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

```
.background{ background-color: rgb(75, 142,  
235) }
```

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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