

# Converting Colors

HunterLab(45.5417, -31.4791,  
-59.3436)

Have a look what the booklet for  
HunterLab(45.5417, -31.4791,  
-59.3436) contains.

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# Color

HunterLab(51.5843, -8.8377,  
-45.3978)

# Conversions

## Conversions Part 1

Format	Color
Hex	0095DB
RGB	0, 149, 219
RGB Percent	0%, 58%, 86%
CMY	0.9998, 0.4157, 0.1412
CMYK	1.00, 0.32, 0.00, 0.14
HSL	199°, 100%, 43%
HSV	199°, 100%, 86%
XYZ	23.5337, 26.6094, 70.9137
YIQ	112.4290, -111.2740, -9.8180

# Conversions

## Conversions Part 2

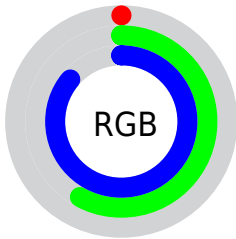
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	0, 89, 219
Decimal	38363
CIE <sub>Lab</sub>	58.61, -7.63, -44.72
CIE <sub>LCh</sub>	59, 45.367, 260.319
Yxy	26.6103, 0.1944, 0.2198
Android (android.graphics.Color)	4278228443 (0xFF0095DB)
YUV	112.4290, 52.5395, -98.6002
Hunter-Lab	51.5843, -8.8377, -45.3978

# Details

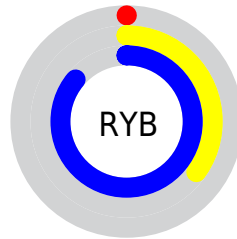
The HunterLab color **51.5843, -8.8377, -45.3978** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **44.0992, 49.9544, 28.0462**, and the grayscale version is **40.2595, -2.1481, 2.1874**.

A 20% lighter version of the original color is **72.6742, -16.6538, -32.6941**, and **34.0647, -1.1204, -40.1594** is the 20% darker color. If you saturate the color by 10%, you get **51.5794, -8.8299, -45.4086**, and if you desaturate by 10%, it is **53.9097, -11.5476, -40.6902**.

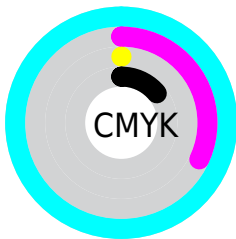
# Distribution



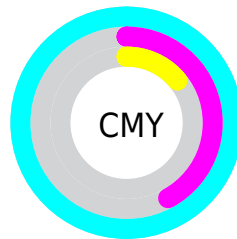
- Red (0%)
- Green (58%)
- Blue (86%)



- Red (0%)
- Yellow (35%)
- Blue (86%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (100%)
- Magenta (42%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5843, -8.8377, -45.3978 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 51.5843, -8.8377, -45.3978 by changing the saturation by 10% instead.



■ 51.5843, -8.8377,  
-45.3978

■ 51.5843, -8.8377,  
-45.3978

169.0459,  
-18.1810, -50.9421

■ 41.5701, -7.8589,  
-44.7685

■ 73.6599, -10.8174,  
-46.8028

■ 32.3030, -6.8831,  
-44.3029

■ 85.6415, -11.8250,  
-47.5032

■ 23.8500, -5.9014,  
-44.1988

■ 98.2103, -12.8463,  
-48.1769

■ 16.2986, -4.8994,  
-44.9240

■ 111.3402,  
-13.8821, -48.8151

■ 9.7730, -3.9537,  
-47.8235

■ 125.0080,  
-14.9331, -49.4128

0.0000, NaN, -NF

139.1934,

0.0000, NaN, -NF

-15.9997, -49.9672

0.0000, NaN, -NF

153.8782,  
-17.0823, -50.4771

0.0000, NaN, NaN

■ 51.5843, -8.8377,  
-45.3978

■ 51.5843, -8.8377,  
-45.3978

■ 51.5794, -8.8299,  
-45.4086

■ 53.9097, -11.5476,  
-40.6902

■ 56.4295, -13.6073,  
-35.8823

■ 59.1745, -14.8927,  
-30.9470

■ 62.1450, -15.3977,  
-25.9157

■ 65.3346, -15.1498,  
-20.8244

■ 68.7335, -14.1957,  
-15.7059

■ 72.3296, -12.5922,  
-10.5877

■ 76.1104, -10.3996,  
-5.4906

■ 80.0632, -7.6775,  
-0.4297

# Harmonies

## Analogous

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



51.5851, -24.3381, -32.3334



51.5843, -8.8377, -45.3978



51.5851, 10.7464, -42.3645

# Triad

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



51.5851, -8.8369, -45.3967



51.5851, 36.7752, 13.6054



51.5851, -28.2773, 20.6190

# Complementary

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



51.5843, -8.8377, -45.3978



44.0992, 49.9544, 28.0462

# 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.



51.5851, -14.9968, 26.1259



51.5843, -8.8377, -45.3978



51.5851, 23.0879, 23.2299

# Square

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



51.5851, -8.8369, -45.3967



51.5851, 39.0676, -3.4752



51.5851, 3.6220, 26.8643



51.5851, -34.4239, 8.3883



# Rectangle

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



51.5843, -8.8377, -45.3978



51.5851, 23.4639, -31.9264



51.5851, 3.6220, 26.8643



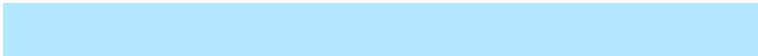
51.5851, -24.5994, 23.0955

# Sweetspot

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



51.5851, -8.8369, -45.3967



85.8138, -15.0249, -12.7508



71.4831, -59.1255, 38.2901



38.8493, -7.3635, -7.0948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

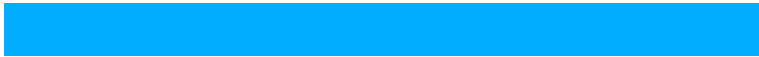


# Same Dimension

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



51.5851, -8.8369, -45.3967



61.0649, -10.1533, -54.4077



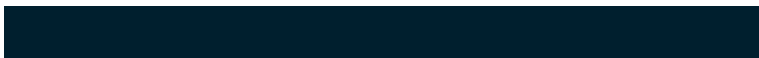
25.7791, 48.7261, -137.3996



37.5379, -3.5144, -0.0734



39.9758, -7.1965, -34.4310



10.9007, -2.9130, -7.3367



# Inverse Universe

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



41.5107, 76.3084, -13.6985



49.2905, 90.5697, -15.8872



68.7348, -2.6285, 42.3067



36.3322, 2.3904, 0.1135



31.9953, 58.8782, -10.9931



8.2380, 15.3231, -4.0978



# Previews

## White Background



This preview shows how the HunterLab color 51.5843, -8.8377, -45.3978 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 51.5843, -8.8377, -45.3978 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

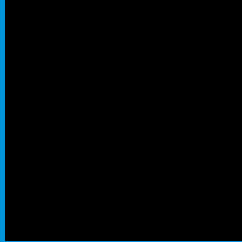
Any Text WCAG AA ✓ Pass

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 51.5843, -8.8377, -45.3978 Background



This preview shows how black text looks on a background with the HunterLab color 51.5843, -8.8377, -45.3978.



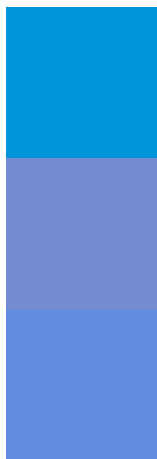
This preview shows how white text looks on a background with the HunterLab color 51.5843, -8.8377, -45.3978.



# 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

51.5843, -8.8377, -45.3978

### Protanopia

51.4718, 6.3311, -37.6566

### Deuteranopia

51.4426, 4.5406, -47.0636

# Trichromacy



## Original Color

51.5843, -8.8377, -45.3978

## Protanomaly

50.6023, -2.1045, -42.6145

## Deuteranomaly

50.7980, -2.2249, -47.7669

# Monochromacy



## Original Color

51.5843, -8.8377, -45.3978

## Achromatopsia

40.2529, -2.1478, 2.1870

## Achromatomaly

42.7097, -9.8861, -14.4998

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.5843, -8.8377, -45.3978 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(0, 149, 219)` looks like.

```
.text, #text, p{
  color:rgb(0, 149, 219)
}
```

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(0, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 149, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.5843, -8.8377, -45.3978 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(0, 149, 219) }
```

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

```
.border{ border-color:rgb(0, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(0, 149,  
219) }
```



# Background

The CSS property to change the background color of an element to HunterLab 51.5843, -8.8377, -45.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 149, 219) }
```

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

```
.background{ background-color: rgb(0, 149,  
219) }
```

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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