

Converting Colors

HunterLab(37.1611, -1.9983,
-62.0373)

Have a look what the booklet for
HunterLab(37.1611, -1.9983,
-62.0373) contains.

HunterLab(39.0245, 3.8354, -57.0566)	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(39.0245, 3.8354,
-57.0566)**

Conversions

Conversions Part 1	
Format	Color
Hex	006EC6
RGB	0, 110, 198
RGB Percent	0%, 43%, 78%
CMY	0.9998, 0.5686, 0.2235
CMYK	1.00, 0.44, 0.00, 0.22
HSL	207°, 100%, 39%
HSV	207°, 100%, 78%
XYZ	15.7690, 15.2291, 55.5345
YIQ	87.1420, -93.8080, 4.0480

Conversions

Conversions Part 2

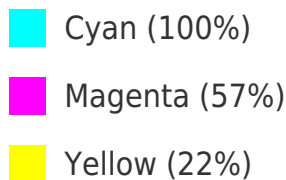
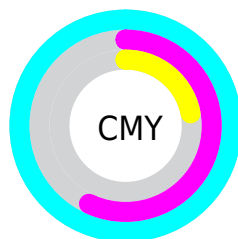
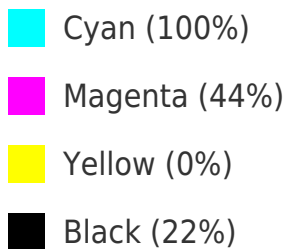
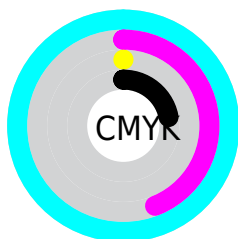
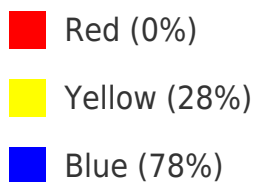
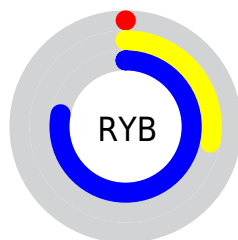
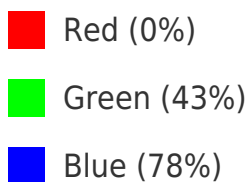
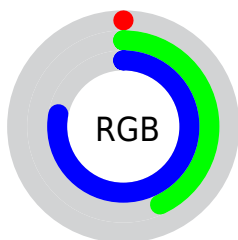
Format	Color
RYB	0, 71, 198
Decimal	28358
CIELab	45.95, 7.73, -52.99
CIELCh	46, 53.552, 278.303
Yxy	15.2296, 0.1822, 0.1760
Android (android.graphics.Color)	4278218438 (0xFF006EC6)
YUV	87.1420, 54.6530, -76.4235
Hunter-Lab	39.0245, 3.8354, -57.0566

Details

The HunterLab color **39.0245, 3.8354, -57.0566** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **43.5807, 33.4311, 27.4377**, and the grayscale version is **30.7597, -1.6413, 1.6712**.

A 20% lighter version of the original color is **59.3727, 3.5016, -57.8296**, and **23.5333, 9.9048, -50.7962** is the 20% darker color. If you saturate the color by 10%, you get **39.0192, 3.8452, -57.0713**, and if you desaturate by 10%, it is **41.6786, 0.0915, -50.3182**.

Distribution



Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.0245, 3.8354, -57.0566 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 39.0245, 3.8354, -57.0566 by changing the saturation by 10% instead.

39.0245, 3.8354,
-57.0566

39.0245, 3.8354,
-57.0566

149.9171, 1.1091,
-63.2482

29.9677, 3.8513,
-57.0308

59.3762, 3.5910,
-58.0950

21.7453, 3.7777,
-57.8041

70.5699, 3.3769,
-58.8158

14.4530, 3.5955,
-60.3569

82.3900, 3.1099,
-59.5802

8.1140, 3.7196,
-68.8464

94.8051, 2.7942,
-60.3548

0.0000, NaN, -NF

0.0000, NaN, -NF

107.7878, 2.4335,
-61.1193

0.0000, NaN, -NF

121.3144, 2.0308,

0.0000, NaN, NaN

-61.8611

0.0000, NaN, NaN

135.3638, 1.5886,
-62.5724

■ 39.0245, 3.8354,
-57.0566

■ 39.0245, 3.8354,
-57.0566

■ 39.0192, 3.8452,
-57.0713

■ 41.6786, 0.0915,
-50.3182

■ 44.5609, -2.9850,
-43.6802

■ 47.6905, -5.2889,
-37.1272

■ 51.0536, -6.8468,
-30.7067

■ 54.6326, -7.7138,
-24.4519

■ 58.4090, -7.9567,
-18.3803

■ 62.3653, -7.6447,
-12.4966

■ 66.4850, -6.8434,
-6.7967

■ 70.7535, -5.6128,
-1.2706

Harmonies

Analogous

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



39.0251, -15.7470, -52.0377



39.0245, 3.8354, -57.0566



39.0251, 25.8038, -40.8501

Triad

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



39.0251, 3.8365, -57.0556



39.0251, 34.3557, 19.0692



39.0251, -32.6296, 13.6978

Complementary

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



39.0245, 3.8354, -57.0566



43.5807, 33.4311, 27.4377

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.



39.0251, -23.8337, 21.6962



39.0245, 3.8354, -57.0566



39.0251, 13.7623, 23.4786

Square

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



39.0251, 3.8365, -57.0556



39.0251, 45.6754, 7.2099



39.0251, -7.6720, 24.0949



39.0251, -34.1981, -3.7539

Rectangle

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



39.0245, 3.8354, -57.0566



39.0251, 37.9231, -23.4936



39.0251, -7.6720, 24.0949



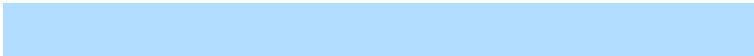
39.0251, -30.5241, 17.2507

Sweetspot

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



39.0251, 3.8365, -57.0556



82.7364, -10.2078, -16.9941



64.0764, -51.2166, 30.4745



37.2245, -4.8377, -9.4006

0.0000, NaN, NaN



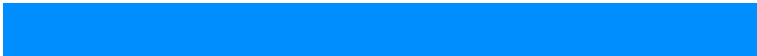
46.2646, -2.4686, 2.5136

Same Dimension

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



39.0251, 3.8365, -57.0556



51.4388, 6.0002, -77.2466



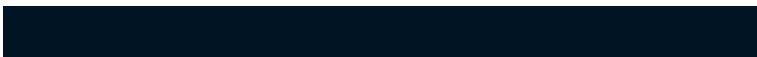
20.9084, 51.6916, -137.7132



33.5381, -2.6106, -0.4479



31.7397, 2.6069, -45.2993



7.8732, -1.0584, -7.5560

Inverse Universe

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



36.2390, 65.1600, -0.6646



48.1687, 86.5224, -0.1302



68.2802, -13.3602, 41.8389



32.7627, 1.9226, 0.6169



29.2523, 52.6569, -0.9540



6.4776, 11.8635, -1.7860

Previews

White Background



This preview shows how the HunterLab color 39.0245, 3.8354, -57.0566 looks on a white background.

Color Contrast Check

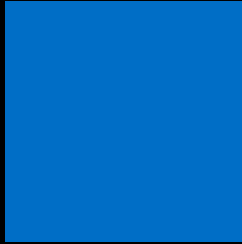
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 39.0245, 3.8354, -57.0566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

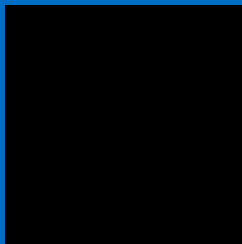
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 39.0245, 3.8354, -57.0566 Background



This preview shows how black text looks on a background with the HunterLab color 39.0245, 3.8354, -57.0566.



This preview shows how white text looks on a background with the HunterLab color 39.0245, 3.8354,

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

39.0245, 3.8354, -57.0566

Protanopia

39.2382, 9.6072, -52.7745

Deuteranopia

39.1847, 2.7100, -54.8276



Tritanopia

39.0637, -19.0121, -7.7845

Trichromacy



Original Color

39.0245, 3.8354, -57.0566

Protanomaly

38.6899, 6.5914, -55.1635

Deuteranomaly

39.2430, 3.0219, -55.5736

Tritanomaly

38.8016, -11.8064, -23.0119

Monochromacy



Original Color

39.0245, 3.8354, -57.0566

Achromatopsia

30.8719, -1.6472, 1.6773

Achromatomaly

32.4483, -4.5327, -16.7728

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.0245, 3.8354, -57.0566 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, 110, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 198)  
}
```

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, 110, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 39.0245, 3.8354, -57.0566 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, 110, 198) }
```


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

```
.border{ border-color:rgb(0, 110, 198) }
```

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

Here you see how a box with a 4 pixel rgb(0, 110, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 110,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.0245, 3.8354, -57.0566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(0, 110, 198) }
```

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

```
.background{ background-color:rgb(0, 110,  
198) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor