

Converting Colors

HunterLab(38.2320, -3.8818,
-39.4071)

Have a look what the booklet for
HunterLab(38.2320, -3.8818,
-39.4071) contains.

HunterLab(38.3190, -4.0226, -39.2118)	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(38.3190, -4.0226,
-39.2118)**

Conversions

Conversions Part 1

Format	Color
Hex	0070AF
RGB	0, 112, 175
RGB Percent	0%, 44%, 69%
CMY	0.9999, 0.5608, 0.3137
CMYK	1.00, 0.36, 0.00, 0.31
HSL	202°, 100%, 34%
HSV	202°, 100%, 69%
XYZ	13.5320, 14.6835, 42.6783
YIQ	85.6940, -86.9750, -4.1510

Conversions

Conversions Part 2

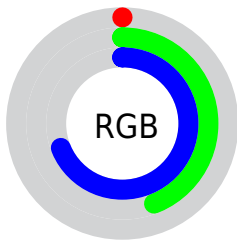
Format	Color
RYB	0, 68, 175
Decimal	28847
CIELab	45.20, -2.70, -40.85
CIELCh	45, 40.943, 266.220
Yxy	14.6839, 0.1909, 0.2071
Android (android.graphics.Color)	4278218927 (0xFF0070AF)
YUV	85.6940, 44.0279, -75.1536
Hunter-Lab	38.3190, -4.0226, -39.2118

Details

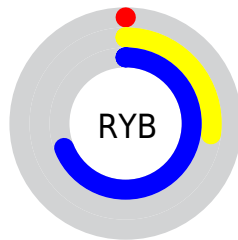
The HunterLab color **38.3190, -4.0226, -39.2118** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **35.5987, 35.2731, 22.5517**, and the grayscale version is **30.2643, -1.6148, 1.6443**.

A 20% lighter version of the original color is **58.4706, -5.1358, -40.7215**, and **22.7722, 2.5012, -33.8627** is the 20% darker color. If you saturate the color by 10%, you get **38.3160, -4.0175, -39.2191**, and if you desaturate by 10%, it is **40.3081, -6.3595, -34.9308**.

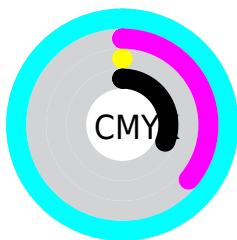
Distribution



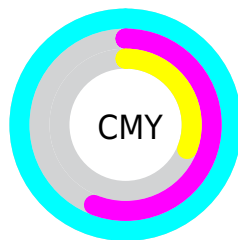
- Red (0%)
- Green (44%)
- Blue (69%)



- Red (0%)
- Yellow (27%)
- Blue (69%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.3190, -4.0226, -39.2118 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 38.3190, -4.0226, -39.2118 by changing the saturation by 10% instead.

■ 38.3190, -4.0226,
-39.2118

■ 38.3190, -4.0226,
-39.2118

148.8103,
-11.0718, -44.5142

■ 29.3221, -3.3692,
-38.7271

■ 58.5643, -5.4089,
-40.5097

■ 21.1656, -2.7431,
-38.5844

■ 69.7096, -6.1427,
-41.1868

■ 13.9479, -2.1414,
-39.2851

■ 81.4840, -6.9025,
-41.8430

■ 7.5860, -1.9555,
-44.0196

■ 93.8555, -7.6878,
-42.4650

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.7966, -8.4980,
-43.0459

0.0000, NaN, NaN

■ 120.2832, -9.3324,

0.0000, NaN, NaN

-43.5820

0.0000, NaN, NaN

134.2940,
-10.1906, -44.0715

■ 38.3190, -4.0226,
-39.2118

■ 38.3190, -4.0226,
-39.2118

■ 38.3160, -4.0175,
-39.2191

■ 40.3081, -6.3595,
-34.9308

■ 42.4500, -8.2041,
-30.6332

■ 44.7731, -9.4413,
-26.2841

■ 47.2739, -10.0782,
-21.9131

■ 49.9445, -10.1443,
-17.5488

■ 52.7748, -9.6819,
-13.2146

■ 55.7541, -8.7382,
-8.9274

■ 58.8717, -7.3614,
-4.6982

■ 62.1172, -5.5976,
-0.5334

Harmonies

Analogous

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



38.3196, -17.4675, -30.4002



38.3190, -4.0226, -39.2118



38.3196, 12.2667, -33.7851

Triad

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



38.3196, -4.0219, -39.2109



38.3196, 29.0680, 12.7526



38.3196, -24.1022, 14.8913

Complementary

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



38.3190, -4.0226, -39.2118



35.5987, 35.2731, 22.5517

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.



38.3196, -14.5256, 19.9706



38.3190, -4.0226, -39.2118



38.3196, 16.2793, 19.1318

Square

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



38.3196, -4.0219, -39.2109



38.3196, 33.0800, 0.1385



38.3196, -0.0306, 21.1308



38.3196, -27.8167, 3.9360

Rectangle

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



38.3190, -4.0226, -39.2118



38.3196, 22.3513, -23.6668



38.3196, -0.0306, 21.1308



38.3196, -21.5458, 17.1399

Sweetspot

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



38.3196, -4.0219, -39.2109



74.3949, -11.7771, -12.2534



55.6778, -45.5637, 28.7685



34.2875, -5.8269, -6.8911



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



38.3196, -4.0219, -39.2109



50.8582, -4.6997, -53.4231



19.6126, 39.5251, -109.8314



29.2909, -2.5671, -0.1179



32.6086, -3.6951, -32.7812



6.2811, -1.8814, -3.7895

Inverse Universe

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



32.0696, 58.5623, -7.5547



42.8653, 78.1940, -9.4010



55.2554, -4.9901, 33.9598



28.4576, 1.7138, 0.2704



27.1597, 49.6401, -6.7003



4.6387, 8.6682, -2.6179

Previews

White Background



This preview shows how the HunterLab color 38.3190, -4.0226, -39.2118 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 38.3190, -4.0226, -39.2118 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 38.3190, -4.0226, -39.2118 Background



This preview shows how black text looks on a background with the HunterLab color 38.3190, -4.0226, -39.2118.



This preview shows how white text looks on a background with the HunterLab color 38.3190, -4.0226, -39.2118.

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

38.3190, -4.0226, -39.2118

Protanopia

38.4309, 5.6063, -33.3741

Deuteranopia

38.3068, 3.2357, -39.9123



Tritanopia

38.3744, -18.6509, -7.7027

Trichromacy



Original Color

38.3190, -4.0226, -39.2118

Protanomaly

37.9767, 0.1972, -36.7463

Deuteranomaly

38.0831, -0.3610, -40.4866

Tritanomaly

38.0846, -13.7822, -17.8506

Monochromacy



Original Color

38.3190, -4.0226, -39.2118

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

32.1009, -6.4771, -11.9896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.3190, -4.0226, -39.2118 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, 112, 175)` looks like.

```
.text, #text, p{  
    color:rgb(0, 112, 175)  
}
```

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, 112, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 112, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 38.3190, -4.0226, -39.2118 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, 112, 175) }
```


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

```
.border{ border-color:rgb(0, 112, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 112, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 112, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 112, 175); box-shadow:4px 4px 4px 4px rgb(0, 112, 175) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.3190, -4.0226, -39.2118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 112, 175) }
```

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

```
.background{ background-color: rgb(0, 112,  
175) }
```

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