

# Converting Colors

HunterLab(39.8204, -3.9038,  
-30.0452)

Have a look what the booklet for  
HunterLab(39.8204, -3.9038,  
-30.0452) contains.

<b>HunterLab(39.8293, -3.9050, -29.9479)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

HunterLab(39.8293, -3.9050,  
-29.9479)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3773A7
RGB	55, 115, 167
RGB Percent	22%, 45%, 65%
CMY	0.7843, 0.5490, 0.3451
CMYK	0.67, 0.31, 0.00, 0.35
HSL	208°, 50%, 44%
HSV	208°, 67%, 65%
XYZ	14.6813, 15.8637, 38.8474
YIQ	102.9880, -52.4520, 3.4520

# Conversions

## Conversions Part 2

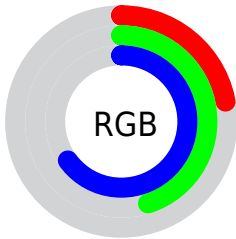
Format	Color
<b>RYB</b>	55, 94, 167
Decimal	3634087
CIELab	46.80, -2.39, -33.58
CIElCh	47, 33.667, 265.922
Yxy	15.8643, 0.2116, 0.2286
Android (android.graphics.Color)	4281824167 (0xFF3773A7)
YUV	102.9880, 31.5579, -42.0855
Hunter-Lab	39.8293, -3.9050, -29.9479

# Details

The HunterLab color **39.8293, -3.9050, -29.9479** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **43.5982, 13.3029, 22.1815**, and the grayscale version is **36.7238, -1.9595, 1.9953**.

A 20% lighter version of the original color is **60.3507, -5.6029, -30.8029**, and **22.9175, -0.3697, -27.8468** is the 20% darker color. If you saturate the color by 10%, you get **37.1148, -2.0951, -35.5697**, and if you desaturate by 10%, it is **42.7339, -5.1182, -24.4808**.

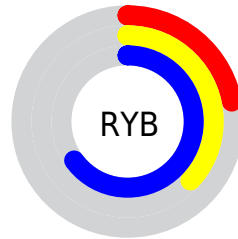
# Distribution



Red (22%)

Green (45%)

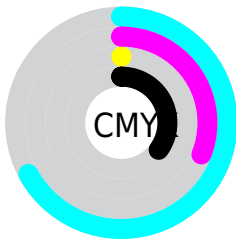
Blue (65%)



Red (22%)

Yellow (37%)

Blue (65%)

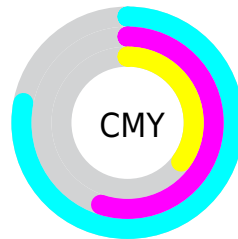


Cyan (67%)

Magenta (31%)

Yellow (0%)

Black (35%)



Cyan (78%)

Magenta (55%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.8293, -3.9050, -29.9479 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 39.8293, -3.9050, -29.9479 by changing the saturation by 10% instead.



■ 39.8293, -3.9050,  
-29.9479

■ 39.8293, -3.9050,  
-29.9479

151.1752,  
-10.8614, -34.0532

■ 30.7053, -3.2670,  
-29.3564

■ 60.3013, -5.2660,  
-31.1613

■ 22.4087, -2.6580,  
-28.8859

■ 71.5494, -5.9883,  
-31.7230

■ 15.0329, -2.0770,  
-28.7750

■ 83.4213, -6.7375,  
-32.2385

■ 8.6738, -1.6660,  
-29.9500

■ 95.8855, -7.5128,  
-32.7038

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 108.9153, -8.3135,  
-33.1175

0.0000, NaN, NaN

122.4870, -9.1389,

0.0000, NaN, NaN

-33.4796

0.0000, NaN, NaN

136.5799, -9.9884,  
-33.7911

■ 39.8293, -3.9050,  
-29.9479

■ 39.8293, -3.9050,  
-29.9479

■ 37.1148, -2.0951,  
-35.5697

■ 42.7339, -5.1182,  
-24.4808

■ 34.6031, 0.3467,  
-41.3140

■ 45.8102, -5.7883,  
-19.1906

■ 32.2971, 3.3973,  
-47.1541

■ 49.0432, -5.9730,  
-14.0825

■ 31.6416, 4.3463,  
-48.9317

■ 52.4181, -5.7293,  
-9.1530

■ 55.9216, -5.1100,  
-4.3925

■ 59.5421, -4.1619,  
0.2120

■ 63.2692, -2.9262,  
4.6747

■ 67.0938, -1.4381,  
9.0105

■ 71.0081, 0.2720,  
13.2333

# Harmonies

## Analogous

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



39.8300, -15.2944, -23.2565



39.8293, -3.9050, -29.9479



39.8300, 9.5060, -26.0019

# Triad

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



39.8300, -3.9047, -29.9470



39.8300, 23.1832, 11.2932



39.8300, -20.9352, 13.4027

# Complementary

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



39.8293, -3.9050, -29.9479



43.5982, 13.3029, 22.1815

# 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.



39.8300, -12.5620, 18.2707



39.8293, -3.9050, -29.9479



39.8300, 13.0092, 17.3582

# Square

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



39.8300, -3.9047, -29.9470



39.8300, 26.2743, 0.4243



39.8300, -0.3183, 19.4404



39.8300, -24.2878, 3.8364



# Rectangle

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



39.8293, -3.9050, -29.9479



39.8300, 17.6545, -18.3880



39.8300, -0.3183, 19.4404



39.8300, -18.6718, 15.5051

# Sweetspot

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



39.8300, -3.9047, -29.9470



73.2721, -7.1635, -7.9565



54.2940, -35.9505, 18.1128



34.0613, -3.4971, -4.5775



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382



# Same Dimension

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



39.8300, -3.9047, -29.9470



48.1601, -1.4762, -50.9566



26.2641, 23.3524, -65.9388



28.1799, -2.1112, -0.3847



27.8570, 3.4730, -42.3161



5.3819, -1.1693, -4.2026



# Inverse Universe

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



34.9090, 43.2081, -5.2813



42.7214, 66.7908, -4.9564



58.4137, -12.2575, 32.1102



27.5807, 1.5207, 0.6055



26.1810, 47.0047, 0.1043



4.2065, 7.7742, -1.7037



# Previews

## White Background



This preview shows how the HunterLab color 39.8293, -3.9050, -29.9479 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 39.8293, -3.9050, -29.9479 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

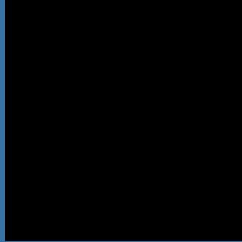
Any Text WCAG AA × Fail

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 39.8293, -3.9050, -29.9479 Background



This preview shows how black text looks on a background with the HunterLab color 39.8293, -3.9050, -29.9479.



This preview shows how white text looks on a background with the HunterLab color 39.8293, -3.9050, -29.9479.



# 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

39.8293, -3.9050, -29.9479

### Protanopia

39.8410, 4.2231, -26.2453

### Deuteranopia

39.7151, 2.9660, -30.7809



## Tritanopia

39.8853, -17.2069, -8.1744

# Trichromacy



## Original Color

39.8293, -3.9050, -29.9479

## Protanomaly

39.6377, 0.9291, -28.0945

## Deuteranomaly

39.7407, 0.2291, -30.7774

## Tritanomaly

39.6351, -12.5166, -15.8683

# Monochromacy



## Original Color

39.8293, -3.9050, -29.9479

## Achromatopsia

36.8284, -1.9651, 2.0010

## Achromatomaly

37.4168, -4.1233, -8.2936

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.8293, -3.9050, -29.9479 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(55, 115, 167)` looks like.

```
.text, #text, p{  
    color:rgb(55, 115, 167)  
}
```

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(55, 115, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 115, 167) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.8293, -3.9050, -29.9479 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(55, 115, 167) }
```



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

```
.border{ border-color:rgb(55, 115, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 115, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 115, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 115, 167);  
box-shadow:4px 4px 4px 4px rgb(55, 115,  
167) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.8293, -3.9050, -29.9479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 115, 167) }
```

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

```
.background{ background-color: rgb(55, 115,  
167) }
```

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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