

# Converting Colors

HunterLab(39.2739, -6.9820,  
18.1022)

Have a look what the booklet for  
HunterLab(39.2739, -6.9820,  
18.1022) contains.

<b>HunterLab(39.1398, -6.8429, 17.9341)</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(39.1398, -6.8429,  
17.9341)**

# Conversions

Conversions Part 1	
Format	Color
Hex	736F3A
RGB	115, 111, 58
RGB Percent	45%, 44%, 23%
CMY	0.5490, 0.5647, 0.7725
CMYK	0.00, 0.03, 0.50, 0.55
HSL	56°, 33%, 34%
HSV	56°, 50%, 45%
XYZ	13.5184, 15.3192, 6.2474
YIQ	106.1540, 19.3970, -15.6350

# Conversions

## Conversions Part 2

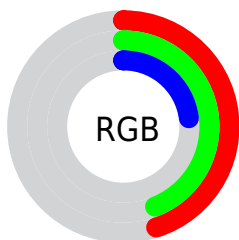
Format	Color
<a href="#">RYB</a>	<a href="#">62, 115, 58</a>
Decimal	<a href="#">7565114</a>
CIELab	<a href="#">46.07, -6.54, 29.88</a>
CIELCh	<a href="#">46, 30.583, 102.353</a>
Yxy	<a href="#">15.3199, 0.3853, 0.4366</a>
Android (android.graphics.Color)	<a href="#">4285755194</a> (0xFF736F3A)
YUV	<a href="#">106.1540, -23.7399, 7.7579</a>
Hunter-Lab	<a href="#">39.1398, -6.8429, 17.9341</a>

# Details

The HunterLab color  $39.1398, -6.8429, 17.9341$  is a dark color, and the websafe version is hex  $666633$ . A complement of this color would be  $23.6272, 8.2277, -25.9984$ , and the grayscale version is  $38.1055, -2.0332, 2.0703$ .

A 20% lighter version of the original color is  $59.3347, -8.5602, 22.7865$ , and  $21.9480, -5.2292, 12.4931$  is the 20% darker color. If you saturate the color by 10%, you get  $38.7821, -7.2494, 19.7391$ , and if you desaturate by 10%, it is  $39.5312, -6.2651, 15.6819$ .

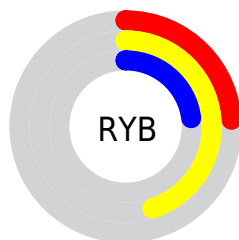
# Distribution



Red (45%)

Green (44%)

Blue (23%)



Red (24%)

Yellow (45%)

Blue (23%)

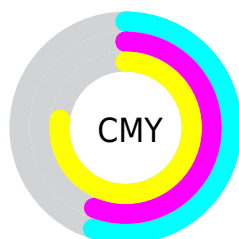


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (55%)



Cyan (55%)

Magenta (56%)


Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.1398, -6.8429, 17.9341 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 39.1398, -6.8429, 17.9341 by changing the saturation by 10% instead.





 39.1398, -6.8429,  
17.9341


 39.1398, -6.8429,  
17.9341


150.0982,  
-15.5667, 37.6628


 30.0736, -5.9396,  
15.2848


 59.5092, -8.6775,  
22.7968


 21.8404, -5.0344,  
12.4202

 70.7108, -9.6130,  
25.0761

 14.5361, -4.1151,  
10.1753


 82.5384, -10.5634,  
27.2837

 8.1970, -3.9159,  
5.7379

 94.9605, -11.5300,  
29.4344

0.0000, NaN, NaN

0.0000, NaN, NaN

 107.9501,  
-12.5133, 31.5396

0.0000, NaN, NaN

 121.4831,

0.0000, NaN, NaN

-13.5137, 33.6084

0.0000, NaN, NaN

135.5388,  
-14.5314, 35.6475

■ 39.1398, -6.8429,  
17.9341

■ 39.1398, -6.8429,  
17.9341

■ 38.7821, -7.2494,  
19.7391

■ 39.5312, -6.2651,  
15.6819

■ 38.4539, -7.4876,  
21.1121

■ 39.9546, -5.5077,  
12.9711

■ 38.1543, -7.5683,  
22.0770

■ 40.4117, -4.5694,  
9.7971

■ 37.8810, -7.5045,  
22.6662

■ 40.9031, -3.4495,  
6.1593

■ 37.6237, -7.3544,  
23.0321

■ 41.4291, -2.1488,  
2.0613

■ 37.6125, -7.3478,  
23.0480

■ 41.9898, -0.6696,  
-2.4899

■ 42.5852, 0.9849,  
-7.4843

■ 43.2152, 2.8101,  
-12.9098

■ 43.8795, 4.8009,  
-18.7517

# Harmonies

## Analogous

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



39.1407, 5.0553, 17.6628



39.1398, -6.8429, 17.9341



39.1407, -16.2814, 14.9969

# Triad

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



39.1407, -6.8442, 17.9345



39.1407, -17.5384, -15.4541



39.1407, 22.0607, -5.0223

# Complementary

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



39.1398, -6.8429, 17.9341



23.6272, 8.2277, -25.9984

# 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.



39.1407, 14.4634, -17.4981



39.1398, -6.8429, 17.9341



39.1407, -8.7579, -24.6458

# Square

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



39.1407, -6.8442, 17.9345



39.1407, -21.9448, -2.7930



39.1407, 2.9014, -25.4888



39.1407, 22.7319, 6.4874



# Rectangle

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



39.1398, -6.8429, 17.9341



39.1407, -20.2896, 10.9088



39.1407, 2.9014, -25.4888



39.1407, 20.1940, -9.3138

# Sweetspot

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



39.1407, -6.8442, 17.9345



54.3463, -5.5193, 11.1558



26.5089, 17.4009, 6.2026



26.4913, -2.8149, 5.8380



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704



# Same Dimension

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



39.1407, -6.8442, 17.9345



51.8519, -9.7422, 26.6209



38.4758, -15.2167, 17.2734



20.5535, -1.7012, 2.9938



40.2000, -7.8324, 24.6339



88.4487, -16.8435, 54.2068



# Inverse Universe

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



23.6272, 8.2277, -25.9984



27.1177, 15.5366, -46.5211



24.5902, 15.5160, -23.6835



19.0456, -0.3456, -1.0034



12.6546, 29.0696, -78.5701



27.0428, 67.8449, -180.2589



# Previews

## White Background



This preview shows how the HunterLab color 39.1398, -6.8429, 17.9341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

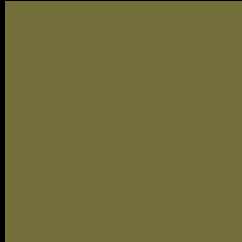
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.1398, -6.8429, 17.9341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

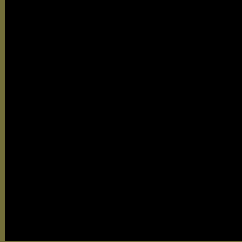
Any Text WCAG AA × Fail

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 39.1398, -6.8429, 17.9341 Background



This preview shows how black text looks on a background with the HunterLab color 39.1398, -6.8429, 17.9341.



This preview shows how white text looks on a background with the HunterLab color 39.1398, -6.8429,



# 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

39.1398, -6.8429, 17.9341

### Protanopia

39.0202, -4.4571, 18.0843

### Deuteranopia

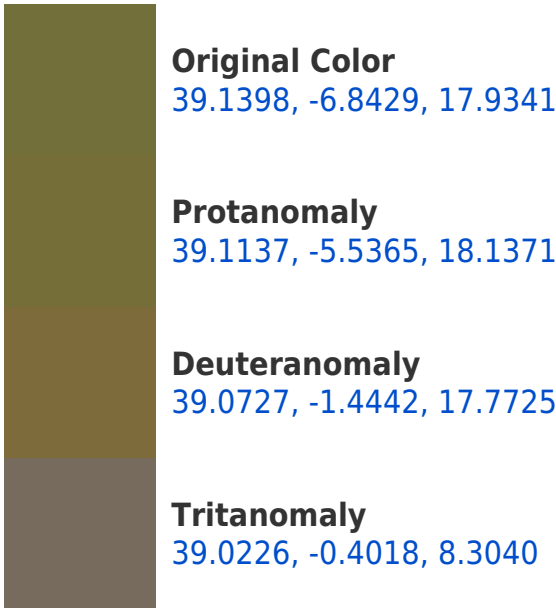
39.0044, 2.3966, 17.5780



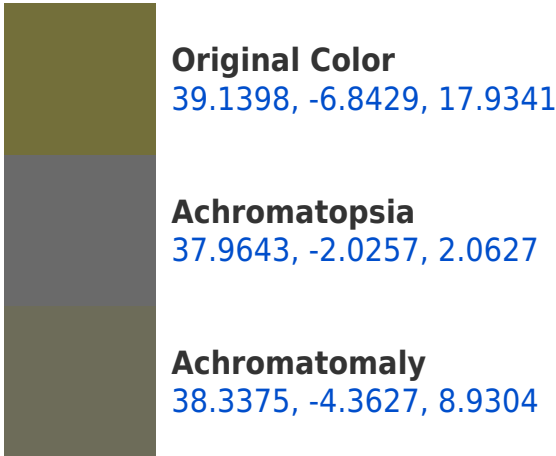
## Tritanopia

39.1923, 3.9086, 0.5844

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.1398, -6.8429, 17.9341 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(115, 111, 58)` looks like.

```
.text, #text, p{  
    color:rgb(115, 111, 58)  
}
```

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(115, 111, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 111, 58) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.1398, -6.8429, 17.9341 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(115, 111, 58) }
```



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

```
.border{ border-color:rgb(115, 111, 58) }
```

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

Here you see how a box with a 4 pixel rgb(115, 111, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 111, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 111, 58);  
box-shadow:4px 4px 4px 4px rgb(115, 111,  
58) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.1398, -6.8429, 17.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 111, 58) }
```

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

```
.background{ background-color: rgb(115,  
111, 58) }
```

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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