

# Converting Colors

HunterLab(39.5417, 6.5489,  
11.4736)

Have a look what the booklet for  
HunterLab(39.5417, 6.5489,  
11.4736) contains.

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# Color

**HunterLab(39.5913, 6.4882,  
11.6391)**

# Conversions

Conversions Part 1	
Format	Color
Hex	896755
RGB	137, 103, 85
RGB Percent	54%, 40%, 33%
CMY	0.4627, 0.5961, 0.6667
CMYK	0.00, 0.25, 0.38, 0.46
HSL	21°, 23%, 44%
HSV	21°, 38%, 54%
XYZ	16.8064, 15.6747, 10.7341
YIQ	111.1140, 26.0420, 1.6100

# Conversions

## Conversions Part 2

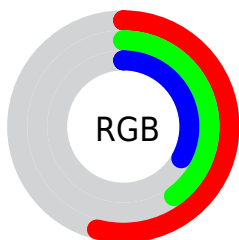
Format	Color
<a href="#">RYB</a>	<a href="#">137, 113, 85</a>
Decimal	<a href="#">9004885</a>
CIELab	<a href="#">46.55, 11.05, 15.45</a>
CIELCh	<a href="#">47, 18.990, 54.424</a>
Yxy	<a href="#">15.6755, 0.3889, 0.3627</a>
Android (android.graphics.Color)	<a href="#">4287194965</a> (0xFF896755)
YUV	<a href="#">111.1140, -12.8742, 22.7020</a>
Hunter-Lab	<a href="#">39.5913, 6.4882, 11.6391</a>

# Details

The HunterLab color **39.5913, 6.4882, 11.6391** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.1467, -7.5495, -8.8804**, and the grayscale version is **39.9549, -2.1319, 2.1708**.

A 20% lighter version of the original color is **59.9473, 6.4985, 14.3827**, and **22.2710, 6.1891, 8.4873** is the 20% darker color. If you saturate the color by 10%, you get **37.1361, 9.3726, 13.4486**, and if you desaturate by 10%, it is **42.1819, 3.8083, 9.5721**.

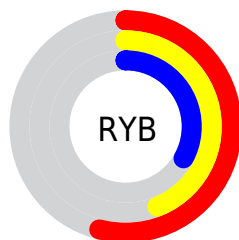
# Distribution



Red (54%)

Green (40%)

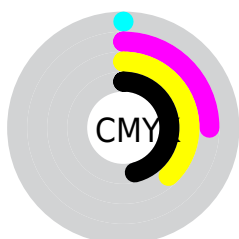
Blue (33%)



Red (54%)

Yellow (44%)

Blue (33%)

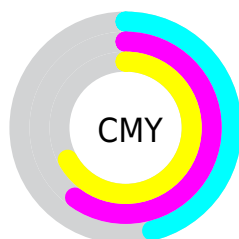


Cyan (0%)

Magenta (25%)

Yellow (38%)

Black (46%)



Cyan (46%)

Magenta (60%)


Yellow (67%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.5913, 6.4882, 11.6391 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 39.5913, 6.4882, 11.6391 by changing the saturation by 10% instead.





 39.5913, 6.4882,  
11.6391

 39.5913, 6.4882,  
11.6391


150.8042, 5.0602,  
24.3726


 30.4874, 6.3162,  
10.1072

 60.0282, 6.5786,  
14.5645


 22.2125, 6.0432,  
8.4937

 71.2604, 6.5200,  
15.9866

 14.8612, 5.6448,  
6.7540

 83.1170, 6.4013,  
17.3940

 8.5127, 5.3153,  
5.9589

 95.5668, 6.2276,  
18.7925

0.0000, NaN, NaN

0.0000, NaN, NaN

 108.5827, 6.0033,  
20.1867

0.0000, NaN, NaN


122.1411, 5.7321,


0.0000, NaN, NaN


21.5799


0.0000, NaN, NaN


136.2212, 5.4168,  
22.9745

 39.5913, 6.4882,  
11.6391


 39.5913, 6.4882,  
11.6391


 37.1361, 9.3726,  
13.4486


 42.1819, 3.8083,  
9.5721


 34.8295, 12.4671,  
14.9560


 44.8908, 1.3287,  
7.2836


 32.6905, 15.7571,  
16.1155


 47.7066, -0.9655,  
4.8059


 30.7382, 19.2096,  
16.8818


 50.6185, -3.0900,  
2.1655


 28.9923, 22.7632,  
17.2203


 53.6174, -5.0606,  
-0.6156


 27.4647, 26.2957,  
17.2103

 56.6953, -6.8927,  
-3.5196

 27.1772, 26.9890,  
17.2190

 59.8454, -8.6006,  
-6.5317

 63.0617, -10.1973,  
-9.6399

 66.3391, -11.6948,  
-12.8341

# Harmonies

## Analogous

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



39.5922, 11.6563, 7.3416



39.5913, 6.4882, 11.6391



39.5922, -0.7259, 13.3763

# Triad

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



39.5922, 6.4866, 11.6397



39.5922, -15.2748, 3.4449



39.5922, 3.9271, -12.2161

# Complementary

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



39.5913, 6.4882, 11.6391



41.1467, -7.5495, -8.8804

# 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.



39.5922, -3.4845, -13.7768



39.5913, 6.4882, 11.6391



39.5922, -14.2278, -3.8445

# Square

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



39.5922, 6.4866, 11.6397



39.5922, -13.0109, 9.2336



39.5922, -10.0391, -10.4754



39.5922, 10.1044, -6.5330



# Rectangle

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



39.5913, 6.4882, 11.6391



39.5922, -5.5887, 13.1289



39.5922, -10.0391, -10.4754



39.5922, 1.4835, -13.2792

# Sweetspot

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



39.5922, 6.4866, 11.6397



62.5881, -0.3089, 7.5469



36.2815, 19.8254, -6.1615



29.4370, 0.0182, 3.7550



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223



# Same Dimension

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



39.5922, 6.4866, 11.6397



49.9970, 12.1674, 17.7858



46.3678, -5.2324, 17.4903



23.0508, -0.3402, 2.4884



26.2694, 25.9412, 16.6412



2.6691, 0.8802, 1.6601



# Inverse Universe

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



41.1467, -7.5495, -8.8804



52.5151, -10.7697, -15.6799



34.1817, 4.0741, -19.9176



23.2421, -2.0469, -0.0145



29.0674, -4.2621, -27.1310

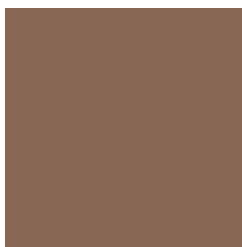


2.8907, -1.0984, -1.2419



# Previews

## White Background



This preview shows how the HunterLab color 39.5913, 6.4882, 11.6391 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

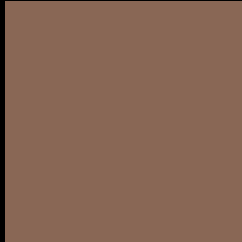
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 39.5913, 6.4882, 11.6391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

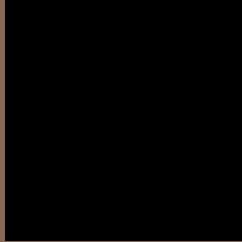
Any Text WCAG AA × Fail

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 39.5913, 6.4882, 11.6391 Background



This preview shows how black text looks on a background with the HunterLab color 39.5913, 6.4882, 11.6391.



This preview shows how white text looks on a background with the HunterLab color 39.5913, 6.4882,



# 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

39.5913, 6.4882, 11.6391

### Protanopia

39.5454, -2.9711, 10.4734

### Deuteranopia

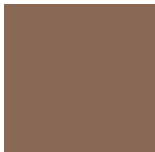

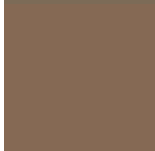

39.6156, 2.5860, 11.9032





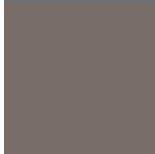
## Tritanopia

39.6056, 11.4159, 3.3660

# Trichromacy

	<b>Original Color</b> 39.5913, 6.4882, 11.6391
	<b>Protanomaly</b> 39.3556, 0.4775, 10.6750
	<b>Deuteranomaly</b> 39.6608, 4.0655, 11.9713
	<b>Tritanomaly</b> 39.5357, 9.5306, 6.4478

# Monochromacy

	<b>Original Color</b> 39.5913, 6.4882, 11.6391
	<b>Achromatopsia</b> 39.8699, -2.1274, 2.1662
	<b>Achromatomaly</b> 39.5948, 0.6152, 5.5858

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 39.5913, 6.4882, 11.6391 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(137, 103, 85)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 85)  
}
```

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(137, 103, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 85) }
```

## Border

The CSS property to change the border of an element to HunterLab 39.5913, 6.4882, 11.6391 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(137, 103, 85) }
```



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

```
.border{ border-color:rgb(137, 103, 85) }
```

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

Here you see how a box with a 4 pixel rgb(137, 103, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 85);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
85) }
```

# Background

The CSS property to change the background color of an element to HunterLab 39.5913, 6.4882, 11.6391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 103, 85) }
```

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

```
.background{ background-color: rgb(137,  
103, 85) }
```

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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