

# Converting Colors

HunterLab(51.5493, 11.1298,  
12.9552)

Have a look what the booklet for  
HunterLab(51.5493, 11.1298,  
12.9552) contains.

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# Color

**HunterLab(51.5493, 11.1298,  
12.9552)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B18274
RGB	177, 130, 116
RGB Percent	69%, 51%, 45%
CMY	0.3059, 0.4902, 0.5451
CMYK	0.00, 0.27, 0.34, 0.31
HSL	14°, 28%, 57%
HSV	14°, 34%, 69%
XYZ	29.2665, 26.5733, 20.1096
YIQ	142.4570, 32.5060, 5.6100

# Conversions

## Conversions Part 2

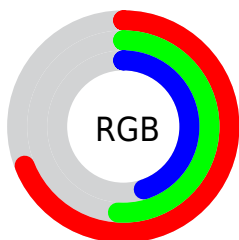
Format	Color
<a href="#">RYB</a>	<a href="#">177, 134, 116</a>
Decimal	<a href="#">11633268</a>
CIELab	<a href="#">58.58, 16.18, 14.69</a>
CIELCh	<a href="#">59, 21.850, 42.231</a>
Yxy	<a href="#">26.5746, 0.3853, 0.3499</a>
Android (android.graphics.Color)	<a href="#">4289823348</a> (0xFFB18274)
YUV	<a href="#">142.4570, -13.0433, 30.2942</a>
Hunter-Lab	<a href="#">51.5493, 11.1298, 12.9552</a>

# Details

The HunterLab color **51.5493, 11.1298, 12.9552** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **57.5157, -13.0251, -7.6653**, and the grayscale version is **52.2346, -2.7871, 2.8380**.

A 20% lighter version of the original color is **73.6115, 11.6613, 15.7249**, and **32.1957, 10.6341, 9.9539** is the 20% darker color. If you saturate the color by 10%, you get **47.7603, 15.9776, 15.2719**, and if you desaturate by 10%, it is **55.5860, 6.5527, 10.4258**.

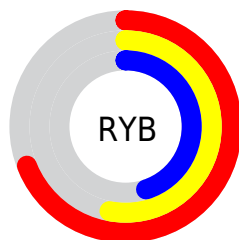
# Distribution



Red (69%)

Green (51%)

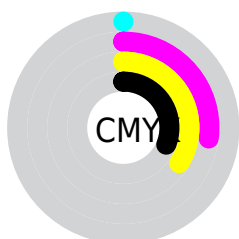
Blue (45%)



Red (69%)

Yellow (53%)

Blue (45%)

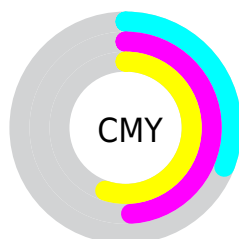


Cyan (0%)

Magenta (27%)

Yellow (34%)

Black (31%)



Cyan (31%)

Magenta (49%)


Yellow (55%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.5493, 11.1298, 12.9552 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 51.5493, 11.1298, 12.9552 by changing the saturation by 10% instead.





 51.5493, 11.1298,  
12.9552

 51.5493, 11.1298,  
12.9552


168.9945, 11.0414,  
25.2763


 41.5379, 10.7976,  
11.5337


 73.6209, 11.5367,  
15.7266

 32.2734, 10.3676,  
10.0682


 85.6005, 11.6332,  
17.0923

 23.8232, 9.8208,  
8.5354

 98.1674, 11.6667,  
18.4525

 16.2750, 9.1338,  
6.8947

111.2955, 11.6422,  
19.8109

 9.7531, 8.2765,  
6.7827

124.9615, 11.5640,  
21.1705

0.0000, INF, NaN

0.0000, NaN, NaN


139.1452, 11.4358,


22.5335


0.0000, NaN, NaN

153.8284, 11.2607,  
23.9016


0.0000, NaN, NaN


 51.5493, 11.1298,  
12.9552


 51.5493, 11.1298,  
12.9552


 47.7603, 15.9776,  
15.2719


 55.5860, 6.5527,  
10.4258

 44.2520, 21.0839,  
17.3118


 59.8353, 2.2477,  
7.7287


 41.0675, 26.3895,  
18.9993


 64.2720, -1.8048,  
4.9002


 38.2526, 31.7802,  
20.2480


 68.8744, -5.6283,  
1.9662


 35.8531, 37.0694,  
20.9761


 73.6239, -9.2475,  
-1.0540


 33.9082, 41.9952,  
21.1371

 78.5054, -12.6867,  
-4.1464

 33.0269, 44.4151,  
21.1286

 83.5059, -15.9682,  
-7.3007

 88.5196, -19.6493,  
-9.1665

 93.0859, -26.3246,  
-3.3611

# Harmonies

## Analogous

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



51.5505, 15.8596, 6.2723



51.5493, 11.1298, 12.9552



51.5505, 2.8030, 16.4886

# Triad

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



51.5505, 11.1277, 12.9560



51.5505, -18.6613, 7.7197



51.5505, 1.0795, -16.6801

# Complementary

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



51.5493, 11.1298, 12.9552



57.5157, -13.0251, -7.6653

# 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.



51.5505, -8.0840, -16.1053



51.5493, 11.1298, 12.9552



51.5505, -19.0507, -0.9190

# Square

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



51.5505, 11.1277, 12.9560



51.5505, -14.2009, 13.8536



51.5505, -15.3052, -9.9486



51.5505, 9.7894, -11.4026



# Rectangle

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



51.5493, 11.1298, 12.9552



51.5505, -3.4458, 17.0429



51.5505, -15.3052, -9.9486



51.5505, -2.0573, -17.1878

# Sweetspot

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



51.5505, 11.1277, 12.9560



82.5952, 0.6408, 8.7377



49.5082, 25.3400, -10.9883



38.0739, 0.6469, 4.3077



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.



51.5505, 11.1277, 12.9560



65.2818, 19.5533, 19.6148



59.7090, -3.4287, 20.3250



29.6840, 0.0651, 3.0073



28.2519, 37.3806, 18.0631



5.8324, 4.3883, 3.6707



# Inverse Universe

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



57.5157, -13.0251, -7.6653



74.7877, -19.1761, -13.3101



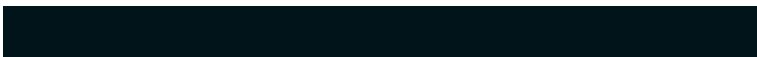
48.7241, 1.0625, -20.5728



30.4863, -3.1496, 0.2424



39.0225, -12.4209, -21.9616



7.4851, -2.9671, -2.9506



# Previews

## White Background



This preview shows how the HunterLab color 51.5493, 11.1298, 12.9552 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

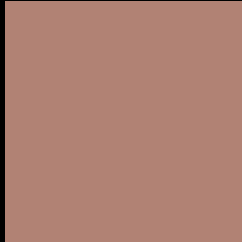
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 51.5493, 11.1298, 12.9552 looks on a black 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

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

## HunterLab 51.5493, 11.1298, 12.9552 Background



This preview shows how black text looks on a background with the HunterLab color 51.5493, 11.1298, 12.9552.



This preview shows how white text looks on a background with the HunterLab color 51.5493, 11.1298,



# 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

51.5493, 11.1298, 12.9552

### Protanopia

51.6973, -3.4986, 11.0485

### Deuteranopia




51.7094, 3.4318, 13.3257




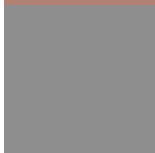

## Tritanopia

51.5447, 16.0943, 4.8202

# Trichromacy

	<b>Original Color</b> 51.5493, 11.1298, 12.9552
	<b>Protanomaly</b> 51.5695, 1.7335, 11.7416
	<b>Deuteranomaly</b> 51.6943, 6.1559, 13.3587
	<b>Tritanomaly</b> 51.4668, 14.1255, 8.0350

# Monochromacy

	<b>Original Color</b> 51.5493, 11.1298, 12.9552
	<b>Achromatopsia</b> 52.0094, -2.7751, 2.8258
	<b>Achromatomaly</b> 51.8063, 1.8157, 6.5588

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 51.5493, 11.1298, 12.9552 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(177, 130, 116)` looks like.

```
.text, #text, p{  
    color:rgb(177, 130, 116)  
}
```

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(177, 130, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 130, 116) }
```

## Border

The CSS property to change the border of an element to HunterLab 51.5493, 11.1298, 12.9552 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(177, 130, 116) }
```



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

```
.border{ border-color:rgb(177, 130, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 130, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 130, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 130, 116);  
box-shadow:4px 4px 4px 4px rgb(177, 130,  
116) }
```

# Background

The CSS property to change the background color of an element to HunterLab 51.5493, 11.1298, 12.9552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 130, 116) }
```

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

```
.background{ background-color: rgb(177,  
130, 116) }
```

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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