

# Converting Colors

HunterLab(58.5972, 14.6131,  
12.4164)

Have a look what the booklet for  
HunterLab(58.5972, 14.6131,  
12.4164) contains.

<b>HunterLab(58.5972, 14.6131, 12.4164)</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(58.5972, 14.6131,  
12.4164)**

# Conversions

Conversions Part 1	
Format	Color
Hex	C89189
RGB	200, 145, 137
RGB Percent	78%, 57%, 54%
CMY	0.2157, 0.4314, 0.4627
CMYK	0.00, 0.27, 0.31, 0.22
HSL	8°, 36%, 66%
HSV	8°, 31%, 78%
XYZ	38.4602, 34.3363, 28.2674
YIQ	160.5330, 35.3480, 9.1720

# Conversions

## Conversions Part 2

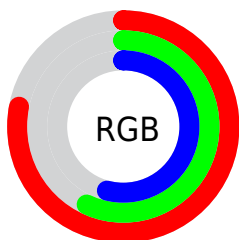
Format	Color
<a href="#">RYB</a>	<a href="#">200, 146, 137</a>
Decimal	<a href="#">13144457</a>
CIELab	<a href="#">65.23, 19.70, 12.46</a>
CIELCh	<a href="#">65, 23.309, 32.324</a>
Yxy	<a href="#">34.3379, 0.3805, 0.3398</a>
Android (android.graphics.Color)	<a href="#">4291334537</a> (0xFFC89189)
YUV	<a href="#">160.5330, -11.6018, 34.6126</a>
Hunter-Lab	<a href="#">58.5972, 14.6131, 12.4164</a>

# Details

The HunterLab color **58.5972, 14.6131, 12.4164** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.6922, -17.3326, -5.1400**, and the grayscale version is **59.5451, -3.1772, 3.2352**.

A 20% lighter version of the original color is **81.1323, 14.1331, 14.6406**, and **38.3579, 13.8456, 9.9410** is the 20% darker color. If you saturate the color by 10%, you get **53.7438, 21.1664, 14.9205**, and if you desaturate by 10%, it is **63.8109, 8.3577, 9.8274**.

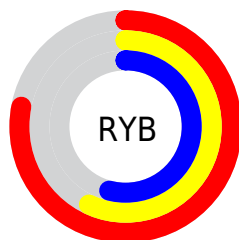
# Distribution



Red (78%)

Green (57%)

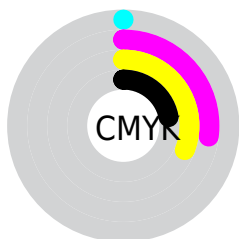
Blue (54%)



Red (78%)

Yellow (57%)

Blue (54%)

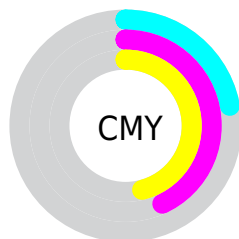


Cyan (0%)

Magenta (27%)

Yellow (31%)

Black (22%)



Cyan (22%)

Magenta (43%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.5972, 14.6131, 12.4164 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 58.5972, 14.6131, 12.4164 by changing the saturation by 10% instead.





 58.5972, 14.6131,  
12.4164


 58.5972, 14.6131,  
12.4164


179.3422, 15.4380,  
23.8155


 48.1179, 14.1717,  
11.1496


 81.5223, 15.2350,  
14.9263

 38.3494, 13.6335,  
9.8617


 93.8957, 15.4369,  
16.1782

 29.3494, 12.9813,  
8.5398


 106.8385, 15.5739,  
17.4328

 21.1900, 12.1960,  
7.1611

120.3268, 15.6510,  
18.6928

 13.9691, 11.2542,  
5.6850

134.3393, 15.6726,  
19.9598

 7.6091, 11.2149,  
5.3264

148.8571, 15.6422,

0.0000, NaN, NaN

21.2353


0.0000, NaN, NaN


163.8632, 15.5631,  
22.5202


0.0000, NaN, NaN


 58.5972, 14.6131,  
12.4164


 58.5972, 14.6131,  
12.4164


 53.7438, 21.1664,  
14.9205


 63.8109, 8.3577,  
9.8274


 49.3084, 27.9691,  
17.2743


 69.3291, 2.4159,  
7.1902


 45.3639, 34.8846,  
19.3868

 75.1112, -3.2319,  
4.5293

 41.9880, 41.6675,  
21.1361

 81.1229, -8.6141,  
1.8579

 39.2555, 47.9455,  
22.3847

 87.3363, -13.7626,  
-0.8170

■ 37.2215, 53.2560,  
23.0233

■ 93.6595, -19.0979,  
-2.5120

■ 36.0448, 56.6447,  
23.2023

■ 95.4041, -21.7133,  
-0.3877

# Harmonies

## Analogous

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



58.5986, 18.0587, 3.9506



58.5972, 14.6131, 12.4164



58.5986, 6.3806, 17.5727

# Triad

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



58.5986, 14.6107, 12.4173



58.5986, -19.6977, 11.3019



58.5986, -2.3223, -18.9956

# Complementary

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



58.5972, 14.6131, 12.4164



68.6922, -17.3326, -5.1400

# 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.



58.5986, -12.0699, -16.1243



58.5972, 14.6131, 12.4164



58.5986, -21.6789, 2.4184

# Square

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



58.5986, 14.6107, 12.4173



58.5986, -13.3735, 17.0113



58.5986, -18.9824, -7.8357



58.5986, 7.8698, -15.1217



# Rectangle

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



58.5972, 14.6131, 12.4164



58.5986, -0.4542, 18.9909



58.5986, -18.9824, -7.8357



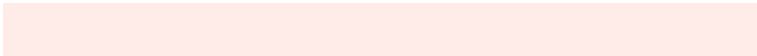
58.5986, -5.7583, -18.7868

# Sweetspot

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



58.5986, 14.6107, 12.4173



92.9979, 1.3835, 8.6330



58.3144, 27.5888, -14.6724



42.5131, 1.1560, 4.2326

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



58.5986, 14.6107, 12.4173



72.5506, 25.2635, 18.6754



67.1399, -0.9646, 20.4542



32.9401, 0.5578, 3.0950



28.8692, 44.7511, 18.5725



6.8422, 8.0191, 4.3565



# Inverse Universe

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



68.6922, -17.3326, -5.1400



88.5519, -25.6991, -9.2294



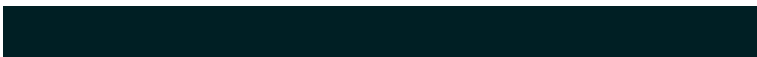
59.1871, -2.5058, -18.3118



34.3929, -3.9935, 0.5782



47.0493, -20.2256, -15.1463

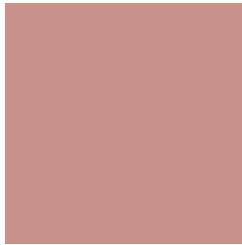


10.5552, -4.8048, -2.8210



# Previews

## White Background



This preview shows how the HunterLab color 58.5972, 14.6131, 12.4164 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

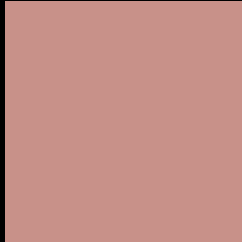
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 58.5972, 14.6131, 12.4164 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

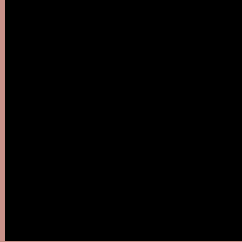
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

## HunterLab 58.5972, 14.6131, 12.4164 Background



This preview shows how black text looks on a background with the HunterLab color 58.5972, 14.6131, 12.4164.



This preview shows how white text looks on a background with the HunterLab color 58.5972, 14.6131,



# 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

58.5972, 14.6131, 12.4164

### Protanopia

58.7083, -3.0797, 9.4749

### Deuteranopia




58.7411, 3.9444, 12.7548






## Tritanopia

58.7379, 18.5510, 6.0985

# Trichromacy

	<b>Original Color</b> 58.5972, 14.6131, 12.4164
	<b>Protanomaly</b> 58.4556, 3.2323, 10.5176
	<b>Deuteranomaly</b> 58.6593, 7.9183, 12.7412
	<b>Tritanomaly</b> 58.7117, 16.8200, 8.5967

# Monochromacy

	<b>Original Color</b> 58.5972, 14.6131, 12.4164
	<b>Achromatopsia</b> 59.6993, -3.1854, 3.2436
	<b>Achromatomaly</b> 59.0116, 2.8046, 6.5658

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 58.5972, 14.6131, 12.4164 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(200, 145, 137)` looks like.

```
.text, #text, p{  
    color:rgb(200, 145, 137)  
}
```

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(200, 145, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 145, 137) }
```

## Border

The CSS property to change the border of an element to HunterLab 58.5972, 14.6131, 12.4164 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(200, 145, 137) }
```



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

```
.border{ border-color:rgb(200, 145, 137) }
```

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

Here you see how a box with a 4 pixel rgb(200, 145, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 145, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 145, 137);  
box-shadow:4px 4px 4px 4px rgb(200, 145,  
137) }
```

# Background

The CSS property to change the background color of an element to HunterLab 58.5972, 14.6131, 12.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 145, 137) }
```

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

```
.background{ background-color: rgb(200,  
145, 137) }
```

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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