

# Converting Colors

HunterLab(56.7964, -0.1308,  
11.3038)

Have a look what the booklet for  
HunterLab(56.7964, -0.1308,  
11.3038) contains.

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# Color

**HunterLab(56.7268, -0.0950,  
11.3797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A89786
RGB	168, 151, 134
RGB Percent	66%, 59%, 53%
CMY	0.3412, 0.4078, 0.4745
CMYK	0.00, 0.10, 0.20, 0.34
HSL	30°, 16%, 59%
HSV	30°, 20%, 66%
XYZ	31.5181, 32.1793, 27.1044
YIQ	154.1450, 15.5890, -1.6830

# Conversions

## Conversions Part 2

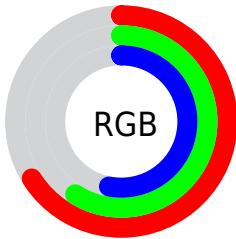
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	168, 168, 134
Decimal	11048838
CIE Lab	63.49, 3.45, 11.24
CIE LCh	63, 11.758, 72.958
Yxy	32.1807, 0.3471, 0.3544
Android (android.graphics.Color)	4289238918 (0xFFA89786)
YUV	154.1450, -9.9315, 12.1508
Hunter-Lab	56.7268, -0.0950, 11.3797

# Details

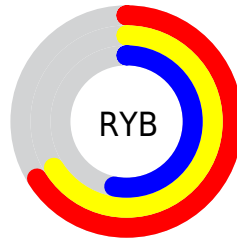
The HunterLab color  $56.7268, -0.0950, 11.3797$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $54.7978, -4.7994, -6.4008$ , and the grayscale version is  $56.9402, -3.0382, 3.0937$ .

A 20% lighter version of the original color is  $79.3338, -1.0620, 13.7309$ , and  $36.6980, 0.7612, 9.0755$  is the 20% darker color. If you saturate the color by 10%, you get  $53.9822, 1.8692, 14.7437$ , and if you desaturate by 10%, it is  $59.5716, -1.8162, 7.6203$ .

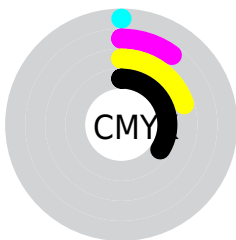
# Distribution



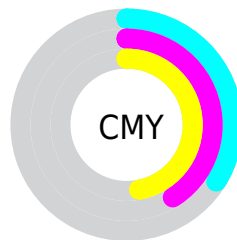
- Red (66%)
- Green (59%)
- Blue (53%)



- Red (66%)
- Yellow (66%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (41%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.7268, -0.0950, 11.3797 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 56.7268, -0.0950, 11.3797 by changing the saturation by 10% instead.



■ 56.7268, -0.0950,  
11.3797

■ 56.7268, -0.0950,  
11.3797

176.6187, -5.1731,  
22.2729

■ 46.3677, 0.2699,  
10.1838

■ 79.4319, -0.9677,  
13.7592

■ 36.7283, 0.5843,  
8.9720

■ 91.7036, -1.4650,  
14.9506

■ 27.8686, 0.8400,  
7.7320

■ 104.5493, -2.0000,  
16.1477

■ 19.8644, 1.0275,  
6.4421

117.9444, -2.5704,  
17.3523

■ 12.8194, 1.1324,  
5.0869

131.8672, -3.1744,  
18.5662

■ 6.2176, 2.0830,  
4.3523

146.2985, -3.8104,

0.0000, NaN, NaN

19.7903

0.0000, NaN, NaN

161.2209, -4.4771,  
21.0257

0.0000, NaN, NaN

■ 56.7268, -0.0950,  
11.3797

■ 56.7268, -0.0950,  
11.3797

■ 53.9822, 1.8692,  
14.7437

■ 59.5716, -1.8162,  
7.6203

■ 51.3424, 4.0974,  
17.6679

■ 62.5052, -3.3062,  
3.5017

■ 48.8178, 6.6008,  
20.1092

■ 65.5220, -4.5840,  
-0.9401

■ 46.4180, 9.3874,  
22.0240

■ 68.6157, -5.6666,  
-5.6740

■ 44.1533, 12.4571,  
23.3729

■ 71.7809, -6.5701,  
-10.6722

■ 42.0339, 15.7980,  
24.1272

■ 75.0126, -7.3093,  
-15.9101

■ 40.0690, 19.3807,  
24.2808

■ 78.3063, -7.8982,  
-21.3665

■ 38.2991, 23.0220,  
24.0027

■ 81.1090, -11.3940,  
-19.3779

■ 83.8204, -15.6002,  
-15.5438

# Harmonies

## Analogous

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



56.7281, 4.4052, 9.1428



56.7268, -0.0950, 11.3797



56.7281, -5.2347, 11.5268

# Triad

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



56.7281, -0.0968, 11.3805



56.7281, -12.3666, 0.9334



56.7281, 3.8814, -4.2524

# Complementary

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



56.7268, -0.0950, 11.3797



54.7978, -4.7994, -6.4008

# 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.



56.7281, -0.7910, -6.8870



56.7268, -0.0950, 11.3797



56.7281, -10.1007, -3.7181

# Square

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



56.7281, -0.0968, 11.3805



56.7281, -12.1957, 5.7813



56.7281, -5.9047, -6.6831



56.7281, 6.7575, 0.2555



# Rectangle

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



56.7268, -0.0950, 11.3797



56.7281, -8.3203, 10.4409



56.7281, -5.9047, -6.6831



56.7281, 2.4617, -5.4037

# Sweetspot

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



56.7281, -0.0968, 11.3805



81.8650, -3.3111, 8.0310



52.5451, 10.8412, -0.4690



38.1064, -1.4873, 3.9069



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.



56.7281, -0.0968, 11.3805



74.8462, 0.9410, 17.3030



61.6859, -8.2500, 16.1874



28.5288, -0.9378, 3.4530



33.4357, 19.6506, 20.9469



6.1190, 1.1771, 3.7911



# Inverse Universe

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



54.7978, -4.7994, -6.4008



71.7218, -6.6557, -11.4946



49.9462, 3.4591, -13.1393



28.1014, -1.9823, -0.4803



26.5025, 6.0328, -46.1489



5.2280, -0.9360, -4.5140



# Previews

## White Background



This preview shows how the HunterLab color 56.7268, -0.0950, 11.3797 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

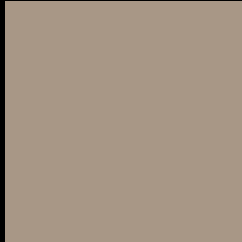
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 56.7268, -0.0950, 11.3797 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 56.7268, -0.0950, 11.3797 Background



This preview shows how black text looks on a background with the HunterLab color 56.7268, -0.0950, 11.3797.



This preview shows how white text looks on a background with the HunterLab color 56.7268, -0.0950,



# 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

56.7268, -0.0950, 11.3797

### Protanopia

56.6646, -3.2033, 10.8767

### Deuteranopia

56.7091, 4.2146, 11.0528



## Tritanopia

56.5938, 6.5786, 0.6244

# Trichromacy



## Original Color

56.7268, -0.0950, 11.3797

## Protanomaly

56.6553, -1.7569, 10.8924

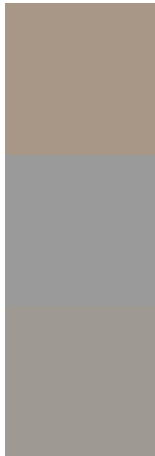
## Deuteranomaly

56.6819, 2.6950, 10.9980

## Tritanomaly

56.5047, 4.3300, 4.6173

# Monochromacy



## Original Color

56.7268, -0.0950, 11.3797

## Achromatopsia

56.8457, -3.0331, 3.0885

## Achromatomaly

56.7979, -2.1108, 6.1467

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.7268, -0.0950, 11.3797 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(168, 151, 134)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 134)  
}
```

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(168, 151, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 134) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.7268, -0.0950, 11.3797 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(168, 151, 134) }
```



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

```
.border{ border-color:rgb(168, 151, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 151, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 151, 134);  
box-shadow:4px 4px 4px 4px rgb(168, 151,  
134) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.7268, -0.0950, 11.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 134) }
```

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

```
.background{ background-color: rgb(168,  
151, 134) }
```

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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