

# Converting Colors

HunterLab(61.7318, -0.2060,  
12.5957)

Have a look what the booklet for  
HunterLab(61.7318, -0.2060,  
12.5957) contains.

<b>HunterLab(61.6699, -0.2858, 12.6284)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(61.6699, -0.2858,  
12.6284)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B5A390
RGB	181, 163, 144
RGB Percent	71%, 64%, 56%
CMY	0.2902, 0.3608, 0.4353
CMYK	0.00, 0.10, 0.20, 0.29
HSL	31°, 20%, 64%
HSV	31°, 20%, 71%
XYZ	37.1873, 38.0318, 31.7664
YIQ	166.2160, 16.8270, -2.0930

# Conversions

## Conversions Part 2

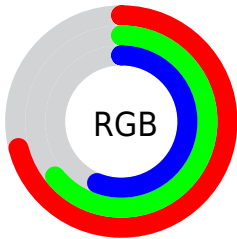
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 181, 144
Decimal	11903888
CIELab	68.05, 3.44, 12.26
CIElCh	68, 12.730, 74.337
Yxy	38.0335, 0.3476, 0.3555
Android (android.graphics.Color)	4290093968 (0xFFB5A390)
YUV	166.2160, -10.9525, 12.9656
Hunter-Lab	61.6699, -0.2858, 12.6284

# Details

The HunterLab color  $61.6699, -0.2858, 12.6284$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $59.2497, -4.9853, -7.3239$ , and the grayscale version is  $61.8805, -3.3018, 3.3621$ .

A 20% lighter version of the original color is  $84.9850, -1.2999, 15.0718$ , and  $40.9466, 0.7386, 9.9103$  is the 20% darker color. If you saturate the color by 10%, you get  $58.7411, 1.7499, 16.3373$ , and if you desaturate by 10%, it is  $64.7056, -2.0535, 8.4706$ .

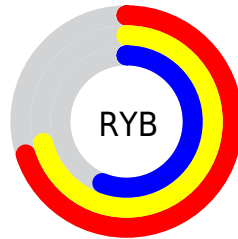
# Distribution



Red (71%)

Green (64%)

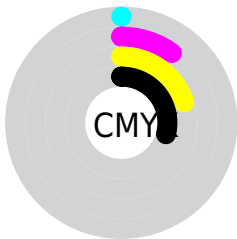
Blue (56%)



Red (70%)

Yellow (71%)

Blue (56%)

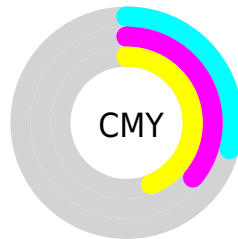


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (29%)



Cyan (29%)

Magenta (36%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.6699, -0.2858, 12.6284 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 61.6699, -0.2858, 12.6284 by changing the saturation by 10% instead.



■ 61.6699, -0.2858,  
12.6284

■ 61.6699, -0.2858,  
12.6284

183.7834, -5.5111,  
23.9565

■ 50.9987, 0.1014,  
11.3775

■ 84.9467, -1.1983,  
15.1141

■ 41.0245, 0.4409,  
10.1096

■ 97.4830, -1.7135,  
16.3565

■ 31.8017, 0.7248,  
8.8136

110.5817, -2.2652,  
17.6030

■ 23.3971, 0.9454,  
7.4703

124.2197, -2.8515,  
18.8558

■ 15.9000, 1.0908,  
6.0463

138.3763, -3.4707,  
20.1164

■ 9.4375, 1.1421,  
5.8973

153.0332, -4.1212,

0.0000, NaN, NaN

21.3861

0.0000, NaN, NaN

168.1739, -4.8017,  
22.6659

0.0000, NaN, NaN

■ 61.6699, -0.2858,  
12.6284

■ 61.6699, -0.2858,  
12.6284

■ 58.7411, 1.7499,  
16.3373

■ 64.7056, -2.0535,  
8.4706

■ 55.9238, 4.0763,  
19.5488

■ 67.8361, -3.5658,  
3.9037

■ 53.2287, 6.7055,  
22.2165

■ 71.0557, -4.8435,  
-1.0324

■ 50.6657, 9.6460,  
24.2939

■ 74.3579, -5.9047,  
-6.3028

■ 48.2451, 12.8980,  
25.7403

■ 77.7367, -6.7670,  
-11.8763

■ 45.9770, 16.4489,  
26.5278

■ 81.1869, -7.4466,  
-17.7254

■ 43.8707, 20.2678,  
26.6542

■ 84.0800, -11.4148,  
-15.1039

■ 42.0074, 24.0812,  
26.3063

■ 86.9296, -15.8476,  
-11.2387

■ 89.8273, -20.2258,  
-7.4482

# Harmonies

## Analogous

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



61.6713, 4.7951, 10.2489



61.6699, -0.2858, 12.6284



61.6713, -6.0015, 12.6819

# Triad

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



61.6713, -0.2877, 12.6293



61.6713, -13.6206, 0.7019



61.6713, 4.6054, -4.6291

# Complementary

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



61.6699, -0.2858, 12.6284



59.2497, -4.9853, -7.3239

# 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.



61.6713, -0.5389, -7.6985



61.6699, -0.2858, 12.6284



61.6713, -10.9864, -4.4354

# Square

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



61.6713, -0.2877, 12.6293



61.6713, -13.5590, 6.1231



61.6713, -6.2436, -7.6245



61.6713, 7.6898, 0.4564



# Rectangle

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



61.6699, -0.2858, 12.6284



61.6713, -9.3929, 11.4076



61.6713, -6.2436, -7.6245



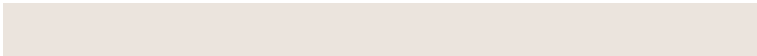
61.6713, 3.0517, -5.9507

# Sweetspot

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



61.6713, -0.2877, 12.6293



88.3972, -3.6669, 8.7466



56.9185, 12.0233, -0.5668



40.9725, -1.6440, 4.2458



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



61.6713, -0.2877, 12.6293



80.5635, 0.9249, 19.4498



66.9966, -9.0348, 17.7739



30.3363, -1.0430, 3.7186



35.0774, 19.5400, 21.9566



7.0952, 1.6342, 4.4007



# Inverse Universe

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



59.2497, -4.9853, -7.3239



76.5585, -6.8211, -13.5790



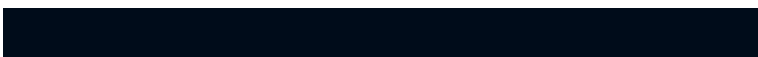
54.0486, 3.8841, -14.5833



29.8155, -2.0572, -0.5677



26.9321, 7.3923, -49.6206

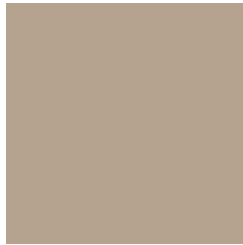


5.8752, -0.6409, -5.9601



# Previews

## White Background



This preview shows how the HunterLab color 61.6699, -0.2858, 12.6284 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 61.6699, -0.2858, 12.6284 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

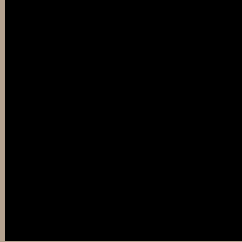
Any Text WCAG AA ✓ Pass

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 61.6699, -0.2858, 12.6284 Background



This preview shows how black text looks on a background with the HunterLab color 61.6699, -0.2858, 12.6284.



This preview shows how white text looks on a background with the HunterLab color 61.6699, -0.2858,



# 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

61.6699, -0.2858, 12.6284

### Protanopia

61.6062, -3.4409, 12.1203

### Deuteranopia

61.7520, 4.4268, 12.4087



## Tritanopia

61.5848, 6.7614, 0.9742

# Trichromacy



## Original Color

61.6699, -0.2858, 12.6284

## Protanomaly

61.5974, -1.9724, 12.1369

## Deuteranomaly

61.7243, 2.8843, 12.3531

## Tritanomaly

61.4671, 4.3298, 5.4276

# Monochromacy



## Original Color

61.6699, -0.2858, 12.6284

## Achromatopsia

61.7516, -3.2949, 3.3551

## Achromatomaly

61.6740, -2.5172, 6.8618

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.6699, -0.2858, 12.6284 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(181, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(181, 163, 144)  
}
```

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(181, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 163, 144) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.6699, -0.2858, 12.6284 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(181, 163, 144) }
```



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

```
.border{ border-color:rgb(181, 163, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 163, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(181, 163,  
144) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.6699, -0.2858, 12.6284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 163, 144) }
```

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

```
.background{ background-color: rgb(181,  
163, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor