

# Converting Colors

HunterLab(42.5202, -17.3683,  
7.7067)

Have a look what the booklet for  
HunterLab(42.5202, -17.3683,  
7.7067) contains.

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# Color

**HunterLab(42.6985,  
-17.4603, 7.8193)**

# Conversions

Conversions Part 1	
Format	Color
Hex	528068
RGB	82, 128, 104
RGB Percent	32%, 50%, 41%
CMY	0.6784, 0.4980, 0.5922
CMYK	0.36, 0.00, 0.19, 0.50
HSL	149°, 22%, 41%
HSV	149°, 36%, 50%
XYZ	13.6975, 18.2316, 15.8938
YIQ	111.5100, -19.7120, -17.2160

# Conversions

## Conversions Part 2

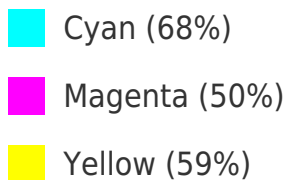
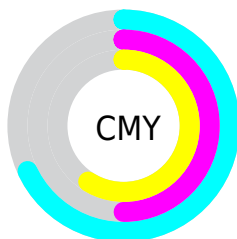
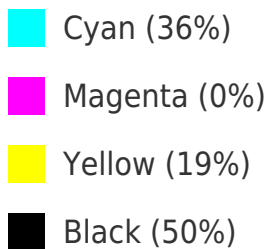
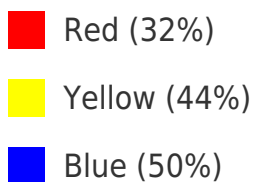
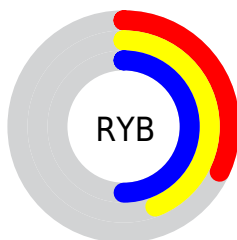
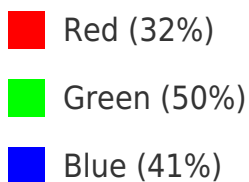
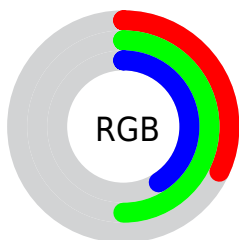
Format	Color
<a href="#">RYB</a>	<a href="#">82, 113, 128</a>
Decimal	<a href="#">5406824</a>
CIELab	<a href="#">49.78, -21.37, 8.10</a>
CIELCh	<a href="#">50, 22.858, 159.242</a>
Yxy	<a href="#">18.2324, 0.2864, 0.3812</a>
Android (android.graphics.Color)	<a href="#">4283596904</a> (0xFF528068)
YUV	<a href="#">111.5100, -3.7024, -25.8803</a>
Hunter-Lab	<a href="#">42.6985, -17.4603, 7.8193</a>

# Details

The HunterLab color  $42.6985, -17.4603, 7.8193$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $34.1538, 16.1255, -2.3447$ , and the grayscale version is  $40.0850, -2.1388, 2.1779$ .

A 20% lighter version of the original color is  $63.5617, -21.0497, 9.8716$ , and  $24.6663, -13.3325, 5.6615$  is the 20% darker color. If you saturate the color by 10%, you get  $41.9293, -20.7545, 9.3698$ , and if you desaturate by 10%, it is  $43.5912, -13.7567, 6.2905$ .

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 42.6985, -17.4603, 7.8193 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 42.6985, -17.4603, 7.8193 by changing the saturation by 10% instead.





 42.6985, -17.4603,  
7.8193


 42.6985, -17.4603,  
7.8193


155.6205,  
-32.7321, 17.2906


 33.3421, -15.5669,  
6.8094


 63.5869, -21.0458,  
9.8445


 24.7902, -13.5653,  
5.7891

 75.0245, -22.7721,  
10.8683

 17.1283, -11.4010,  
4.7420


 87.0760, -24.4694,  
11.9033

 10.4750, -9.6927,  
3.8680

 99.7114, -26.1454,  
12.9513

0.0000, NaN, NaN

0.0000, NaN, NaN

 112.9051,  
-27.8056, 14.0133

0.0000, NaN, NaN


126.6342,


0.0000, NaN, NaN


-29.4546, 15.0902


0.0000, NaN, NaN


140.8787,  
-31.0958, 16.1825

 42.6985, -17.4603,  
7.8193


 42.6985, -17.4603,  
7.8193


 41.9293, -20.7545,  
9.3698


 43.5912, -13.7567,  
6.2905


 41.2802, -23.6120,  
10.9231


 44.6038, -9.6743,  
4.7973


 40.7495, -26.0181,  
12.4609


 45.7351, -5.2509,  
3.3537

 40.3325, -27.9699,  
13.9636


 46.9819, -0.5259,  
1.9702


 40.0219, -29.4797,  
15.4115


 48.3401, 4.4613,  
0.6551


 39.8019, -30.6005,  
16.7804

 49.8052, 9.6726,  
-0.5860

 39.7218, -31.0124,  
17.2981

 51.3722, 15.0725,  
-1.7494

 53.0361, 20.6289,  
-2.8336

 54.7915, 26.3133,  
-3.8384

# Harmonies

## Analogous

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



42.6994, -12.8092, 13.3231



42.6985, -17.4603, 7.8193



42.6994, -18.2353, -0.4404

# Triad

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



42.6994, -17.4609, 7.8198



42.6994, 0.5701, -17.6175



42.6994, 12.1548, 11.5812

# Complementary

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



42.6985, -17.4603, 7.8193



34.1538, 16.1255, -2.3447

# 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.



42.6994, 16.4266, 4.9155



42.6985, -17.4603, 7.8193



42.6994, 9.3787, -12.7049

# Square

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



42.6994, -17.4609, 7.8198



42.6994, -8.3150, -16.3840



42.6994, 15.3702, -4.0153



42.6994, 4.1086, 15.1573



# Rectangle

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



42.6985, -17.4603, 7.8193



42.6994, -16.5193, -6.6462



42.6994, 15.3702, -4.0153



42.6994, 14.1092, 9.6912

# Sweetspot

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



42.6994, -17.4609, 7.8198



59.8673, -10.1401, 5.4589



43.7553, -14.3585, 15.8934



28.8879, -5.2200, 2.7447



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



42.6994, -17.4609, 7.8198



55.8212, -26.7315, 12.0307



43.3029, -13.9665, -0.8053



22.0234, -3.2438, 1.8464



39.5536, -30.8786, 17.2195

0.0000, NaN, NaN



# Inverse Universe

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



34.1538, 16.1255, -2.3447



42.2225, 26.9846, -3.9956



33.5514, 13.1177, 6.2503



20.9256, 1.0338, 0.5226



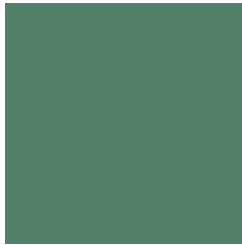
22.2488, 39.8975, 0.4557

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 42.6985, -17.4603, 7.8193 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 42.6985, -17.4603, 7.8193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

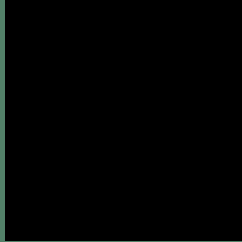
Any Text WCAG AA ✓ Pass

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 42.6985, -17.4603, 7.8193 Background



This preview shows how black text looks on a background with the HunterLab color 42.6985, -17.4603, 7.8193.



This preview shows how white text looks on a background with the HunterLab color 42.6985, -17.4603, 7.8193.

-17.4603, 7.8193.

# 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

42.6985, -17.4603, 7.8193

### Protanopia

42.5944, -3.1192, 9.7605

### Deuteranopia

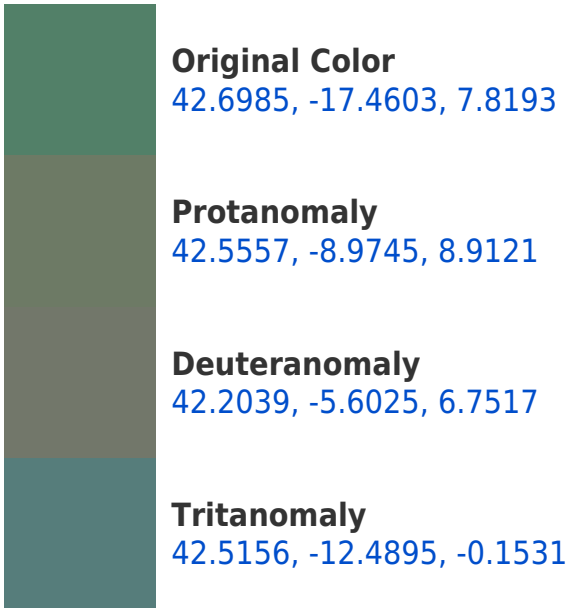
42.5238, 2.5852, 6.8539



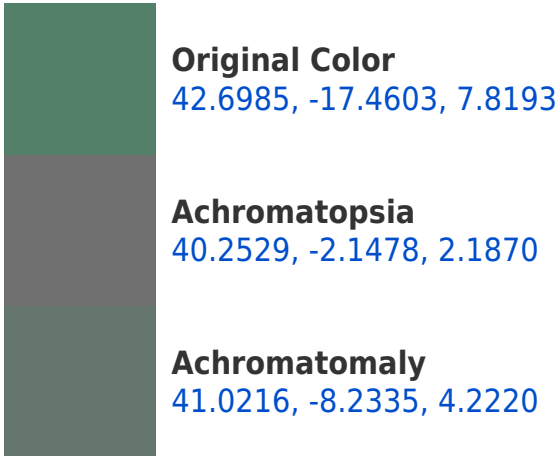
## Tritanopia

42.7322, -9.4896, -5.1283

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 42.6985, -17.4603, 7.8193 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(82, 128, 104)` looks like.

```
.text, #text, p{  
    color:rgb(82, 128, 104)  
}
```

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(82, 128, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 128, 104) }
```

## Border

The CSS property to change the border of an element to HunterLab 42.6985, -17.4603, 7.8193 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(82, 128, 104) }
```



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

```
.border{ border-color:rgb(82, 128, 104) }
```

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

Here you see how a box with a 4 pixel rgb(82, 128, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 128, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 128, 104);  
box-shadow:4px 4px 4px 4px rgb(82, 128,  
104) }
```

# Background

The CSS property to change the background color of an element to HunterLab 42.6985, -17.4603, 7.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 128, 104) }
```

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

```
.background{ background-color: rgb(82, 128,  
104) }
```

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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