

# Converting Colors

HunterLab(49.9253, -2.6669,  
2.7239)

Have a look what the booklet for  
HunterLab(49.9253, -2.6669, 2.7239)  
contains.

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# Color

**HunterLab(50.0158, -2.6687,  
2.7175)**

# Conversions

Conversions Part 1	
Format	Color
Hex	898989
RGB	137, 137, 137
RGB Percent	54%, 54%, 54%
CMY	0.4627, 0.4627, 0.4627
CMYK	0.00, 0.00, 0.00, 0.46
HSL	117°, 0%, 54%
HSV	117°, 0%, 54%
XYZ	23.7775, 25.0158, 27.2422
YIQ	137.0000, -0.0000, 0.0000

# Conversions

## Conversions Part 2

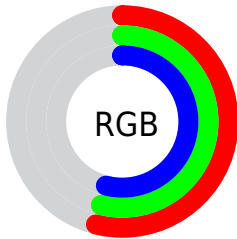
Format	Color
<a href="#">RYB</a>	<a href="#">137, 137, 137</a>
Decimal	<a href="#">9013641</a>
CIELab	<a href="#">57.09, 0.00, -0.01</a>
CIELCh	<a href="#">57, 0.006, 289.460</a>
Yxy	<a href="#">25.0169, 0.3127, 0.3290</a>
Android (android.graphics.Color)	<a href="#">4287203721</a> (0xFF898989)
YUV	<a href="#">137.0000, 0.0000, 0.0000</a>
Hunter-Lab	<a href="#">50.0158, -2.6687, 2.7175</a>

# Details

The HunterLab color  $50.0158, -2.6687, 2.7175$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $50.0164, -2.6677, 2.7167$ , and the grayscale version is  $50.0168, -2.6688, 2.7175$ .

A 20% lighter version of the original color is  $71.7578, -3.8288, 3.8987$ , and  $30.8719, -1.6472, 1.6773$  is the 20% darker color. If you saturate the color by 10%, you get  $48.5983, -8.4359, 6.8163$ , and if you desaturate by 10%, it is  $51.5726, 3.4703, -1.6737$ .

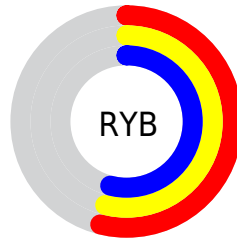
# Distribution



Red (54%)

Green (54%)

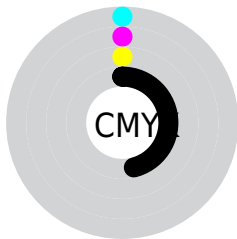
Blue (54%)



Red (54%)

Yellow (54%)

Blue (54%)

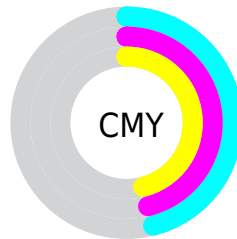


Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (46%)

Magenta (46%)


Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.0158, -2.6687, 2.7175 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 50.0158, -2.6687, 2.7175 by changing the saturation by 10% instead.





 50.0158, -2.6687,  
2.7175


 50.0158, -2.6687,  
2.7175


166.7099, -8.9018,  
9.0681


 40.1119, -2.1409,  
2.1794


 71.8920, -3.8380,  
3.9085

 30.9638, -1.6525,  
1.6818


 83.7818, -4.4730,  
4.5554

 22.6415, -1.2081,  
1.2292

 96.2631, -5.1396,  
5.2346

 15.2368, -0.8128,  
0.8265

109.3093, -5.8363,  
5.9445

 8.8607, -0.4723,  
0.4797

122.8967, -6.5619,  
6.6839

0.0000, NaN, NaN

0.0000, NaN, NaN


137.0047, -7.3154,


7.4516


0.0000, NaN, NaN


151.6147, -8.0956,  
8.2466


0.0000, NaN, NaN

 50.0158, -2.6687,  
2.7175


 50.0158, -2.6687,  
2.7175


 48.5983, -8.4359,  
6.8163


 51.5726, 3.4703,  
-1.6737


 47.3223, -13.7699,  
10.5788


 53.2593, 9.9287,  
-6.3189


 46.1933, -18.6147,  
13.9653

 55.0702, 16.6535,  
-11.1790

 45.2141, -22.9175,  
16.9395

 56.9985, 23.5979,  
-16.2192

 44.3858, -26.6339,  
19.4717

 59.0372, 30.7207,  
-21.4086

■ 43.7072, -29.7320,  
21.5428

■ 61.1795, 37.9869,  
-26.7202

■ 43.1744, -32.1970,  
23.1469

■ 63.4189, 45.3666,  
-32.1314

■ 42.7806, -34.0350,  
24.2946

■ 65.7491, 52.8353,  
-37.6229

■ 42.5154, -35.2761,  
25.0157

■ 67.9097, 59.2158,  
-39.7170

# Harmonies

## Analogous

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



50.0169, -2.6723, 2.7181



50.0158, -2.6687, 2.7175



50.0169, -2.6678, 2.7196

# Triad

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



50.0169, -2.6699, 2.7183



50.0169, -2.6684, 2.7260



50.0169, -2.6761, 2.7234

# Complementary

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



50.0158, -2.6687, 2.7175



50.0164, -2.6677, 2.7167

# 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.



50.0169, -2.6751, 2.7255



50.0158, -2.6687, 2.7175



50.0169, -2.6706, 2.7270

# Square

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



50.0169, -2.6699, 2.7183



50.0169, -2.6670, 2.7241



50.0169, -2.6730, 2.7268



50.0169, -2.6759, 2.7211



# Rectangle

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



50.0158, -2.6687, 2.7175



50.0169, -2.6670, 2.7210



50.0169, -2.6730, 2.7268



50.0169, -2.6759, 2.7241

# Sweetspot

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



50.0169, -2.6699, 2.7183



66.9319, -3.5713, 3.6365



50.0170, -2.6691, 2.7185



31.6988, -1.6914, 1.7223



83.1908, -4.4389, 4.5199

# Same Dimension

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



50.0169, -2.6699, 2.7183



66.9319, -3.5713, 3.6365



50.0169, -2.6697, 2.7178



24.3420, -1.2988, 1.3225



40.8802, -34.7645, 24.5816



3.3539, -2.7399, 2.0187



# Inverse Universe

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



50.0164, -2.6677, 2.7167



66.9319, -3.5713, 3.6365



50.0164, -2.6678, 2.7172



24.3420, -1.2988, 1.3225



24.6495, 49.0381, -36.9797



2.0570, 4.0659, -2.8827



# Previews

## White Background



This preview shows how the HunterLab color 50.0158, -2.6687, 2.7175 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 50.0158, -2.6687, 2.7175 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

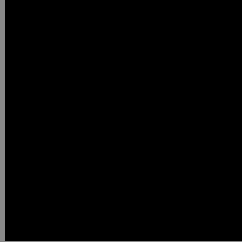
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

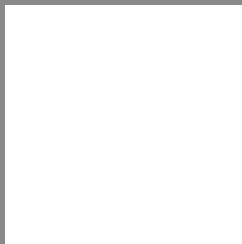
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 50.0158, -2.6687, 2.7175 Background



This preview shows how black text looks on a background with the HunterLab color 50.0158, -2.6687, 2.7175.



This preview shows how white text looks on a background with the HunterLab color 50.0158, -2.6687,



# 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

50.0158, -2.6687, 2.7175

### Protanopia

49.9033, -1.6030, 2.6036

### Deuteranopia

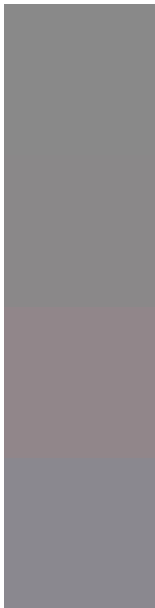
50.0940, 3.3874, 2.4682



## Tritanopia

50.0868, -0.4323, -1.3352

# Trichromacy



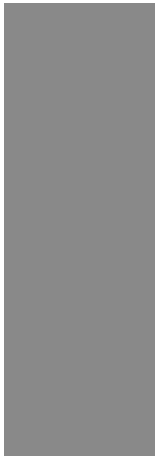
**Original Color**  
50.0158, -2.6687, 2.7175

**Protanomaly**  
49.8174, -1.9003, 2.4969

**Deuteranomaly**  
49.9048, 1.3342, 2.2078

**Tritanomaly**  
49.9948, -0.9331, -0.0279

# Monochromacy



**Original Color**  
50.0158, -2.6687, 2.7175

**Achromatopsia**  
50.0158, -2.6687, 2.7175

**Achromatomaly**  
50.0158, -2.6687, 2.7175

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 50.0158, -2.6687, 2.7175 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(137, 137, 137)` looks like.

```
.text, #text, p{  
    color:rgb(137, 137, 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(137, 137, 137) colored shadow looks like.

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

## Border

The CSS property to change the border of an element to HunterLab 50.0158, -2.6687, 2.7175 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(137, 137, 137) }
```

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

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

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

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

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



# Background

The CSS property to change the background color of an element to HunterLab 50.0158, -2.6687, 2.7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(137,  
137, 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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