

# Converting Colors

HunterLab(54.2908, -8.9019,  
6.1304)

Have a look what the booklet for  
HunterLab(54.2908, -8.9019, 6.1304)  
contains.

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# Color

HunterLab(54.1711, -8.7415,  
6.0714)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89978C
RGB	137, 151, 140
RGB Percent	54%, 59%, 55%
CMY	0.4627, 0.4078, 0.4510
CMYK	0.09, 0.00, 0.07, 0.41
HSL	133°, 6%, 56%
HSV	133°, 9%, 59%
XYZ	26.1168, 29.3451, 29.0987
YIQ	145.5600, -4.8130, -6.3890

# Conversions

## Conversions Part 2

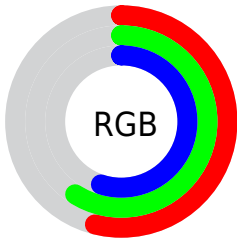
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 149, 151
Decimal	9017228
CIE Lab	61.09, -7.20, 4.08
CIE LCh	61, 8.279, 150.470
Yxy	29.3463, 0.3089, 0.3470
Android (android.graphics.Color)	4287207308 (0xFF89978C)
YUV	145.5600, -2.7411, -7.5071
Hunter-Lab	54.1711, -8.7415, 6.0714

# Details

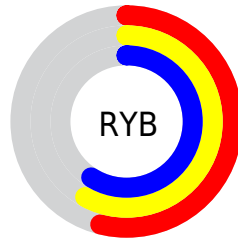
The HunterLab color  $54.1711, -8.7415, 6.0714$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $51.5844, 3.3454, -0.3591$ , and the grayscale version is  $53.4498, -2.8519, 2.9040$ .

A 20% lighter version of the original color is  $76.4885, -10.6266, 7.3830$ , and  $34.4656, -6.7988, 4.4786$  is the 20% darker color. If you saturate the color by 10%, you get  $52.7511, -14.5394, 9.2440$ , and if you desaturate by 10%, it is  $55.7514, -2.5008, 2.7798$ .

# Distribution



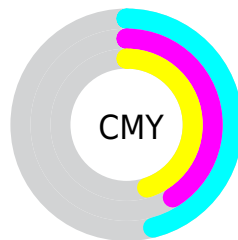
- Red (54%)
- Green (59%)
- Blue (55%)



- Red (54%)
- Yellow (58%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (46%)
- Magenta (41%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 54.1711, -8.7415, 6.0714 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 54.1711, -8.7415, 6.0714 by changing the saturation by 10% instead.



■ 54.1711, -8.7415,  
6.0714

■ 54.1711, -8.7415,  
6.0714

172.8715,  
-17.9465, 14.0856

■ 43.9806, -7.7880,  
5.2943

■ 76.5682, -10.6835,  
7.6955

■ 34.5230, -6.8391,  
4.5380

■ 88.6977, -11.6738,  
8.5415

■ 25.8614, -5.8895,  
3.8009

■ 101.4077,  
-12.6791, 9.4103

■ 18.0771, -4.9278,  
3.0788

114.6727,  
-13.6999, 10.3015

■ 11.2832, -3.9320,  
2.3617

128.4704,  
-14.7368, 11.2151

■ 3.4675, -6.0681,  
2.4272

142.7810,

0.0000, NaN, NaN

-15.7901, 12.1505

0.0000, NaN, NaN

157.5867,  
-16.8600, 13.1074

0.0000, NaN, NaN

■ 54.1711, -8.7415,  
6.0714

■ 54.1711, -8.7415,  
6.0714

■ 52.7511, -14.5394,  
9.2440

■ 55.7514, -2.5008,  
2.7798

■ 51.4928, -19.8297,  
12.2621

■ 57.4826, 4.1244,  
-0.6024

■ 50.4004, -24.5564,  
15.0922

■ 59.3590, 11.0740,  
-4.0470

■ 49.4750, -28.6708,  
17.7012

■ 61.3733, 18.2930,  
-7.5302

■ 48.7151, -32.1371,  
20.0582

■ 63.5177, 25.7323,  
-11.0321

■ 48.1164, -34.9370,  
22.1375

■ 65.7847, 33.3490,  
-14.5368

■ 47.6710, -37.0740,  
23.9199

■ 68.1668, 41.1064,  
-18.0317

■ 47.3671, -38.5773,  
25.3941

■ 70.2766, 47.9332,  
-22.1161

■ 47.1725, -39.5716,  
26.5462

■ 70.7789, 50.3085,  
-29.0727

# Harmonies

## Analogous

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



54.1723, -6.3334, 8.2848



54.1711, -8.7415, 6.0714



54.1723, -9.5939, 2.8951

# Triad

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



54.1723, -8.7427, 6.0722



54.1723, -2.8371, -4.0023



54.1723, 3.1563, 6.1593

# Complementary

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



54.1711, -8.7415, 6.0714



51.5844, 3.3454, -0.3591

# 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.



54.1723, 4.1494, 3.0023



54.1711, -8.7415, 6.0714



54.1723, 0.6347, -2.9922

# Square

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



54.1723, -8.7427, 6.0722



54.1723, -6.2383, -3.0517



54.1723, 3.2151, -0.3725



54.1723, 0.5347, 8.3327



# Rectangle

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



54.1711, -8.7415, 6.0714



54.1723, -9.1809, 0.6130



54.1723, 3.2151, -0.3725



54.1723, 3.6947, 5.1849

# Sweetspot

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



54.1723, -8.7427, 6.0722



73.7820, -6.5748, 5.4048



55.0049, -5.9387, 8.2787



35.0969, -3.4434, 2.7392



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



54.1723, -8.7427, 6.0722



72.1063, -13.2593, 8.9664



54.3629, -7.6796, 3.3465



26.3556, -4.2421, 2.9480



43.5009, -36.5307, 24.4868



5.3618, -4.1991, 2.3629



# Inverse Universe

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



51.5844, 3.3454, -0.3591



67.9261, 6.2717, -1.4226



51.3813, 2.2546, 2.5314



25.1017, 1.6149, -0.1681



25.9371, 48.7752, -17.0158



3.2501, 6.2414, -3.1360



# Previews

## White Background



This preview shows how the HunterLab color 54.1711, -8.7415, 6.0714 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

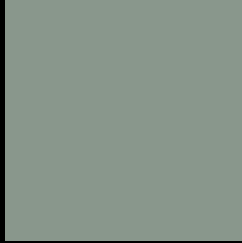
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 54.1711, -8.7415, 6.0714 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

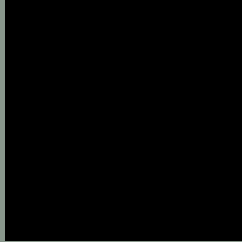
Any Text WCAG AA ✓ Pass

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 54.1711, -8.7415, 6.0714 Background



This preview shows how black text looks on a background with the HunterLab color 54.1711, -8.7415, 6.0714.



This preview shows how white text looks on a background with the HunterLab color 54.1711, -8.7415, 6.0714.



# 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

54.1711, -8.7415, 6.0714

### Protanopia

54.2013, -2.7391, 7.0484

### Deuteranopia

53.9310, 3.7881, 5.1642



## Tritanopia

54.1233, -3.1947, -3.1379

# Trichromacy



## Original Color

54.1711, -8.7415, 6.0714

## Protanomaly

54.0804, -4.5903, 6.4647

## Deuteranomaly

53.8924, -0.7117, 5.4726

## Tritanomaly

54.1145, -5.1619, 0.2354

# Monochromacy



## Original Color

54.1711, -8.7415, 6.0714

## Achromatopsia

53.6135, -2.8607, 2.9129

## Achromatomaly

53.8823, -5.0094, 4.0807

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 54.1711, -8.7415, 6.0714 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, 151, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 151, 140)  
}
```

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, 151, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 151, 140) }
```

## Border

The CSS property to change the border of an element to HunterLab 54.1711, -8.7415, 6.0714 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, 151, 140) }
```



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

```
.border{ border-color:rgb(137, 151, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 151, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 151, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 151, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 151,  
140) }
```

# Background

The CSS property to change the background color of an element to HunterLab 54.1711, -8.7415, 6.0714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 151, 140) }
```

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

```
.background{ background-color: rgb(137,  
151, 140) }
```

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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