

Converting Colors

HunterLab(50.5687, -9.1932,
7.0766)

Have a look what the booklet for
HunterLab(50.5687, -9.1932, 7.0766)
contains.

HunterLab(50.4913, -8.9176, 6.9755)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(50.4913, -8.9176,
6.9755)**

Conversions

Conversions Part 1

Format	Color
Hex	808E80
RGB	128, 142, 128
RGB Percent	50%, 56%, 50%
CMY	0.4980, 0.4431, 0.4980
CMYK	0.10, 0.00, 0.10, 0.44
HSL	120°, 6%, 53%
HSV	120°, 10%, 56%
XYZ	22.4714, 25.4937, 24.1585
YIQ	136.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

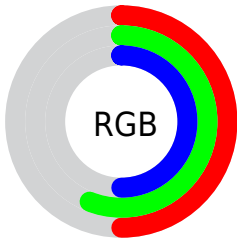
Format	Color
R_{YB}	128, 142, 142
Decimal	8425088
CIE _{Lab}	57.55, -7.87, 5.74
CIE _{LCh}	58, 9.740, 143.899
Yxy	25.4948, 0.3116, 0.3535
Android (android.graphics.Color)	4286615168 (0xFF808E80)
YUV	136.2180, -4.0515, -7.2072
Hunter-Lab	50.4913, -8.9176, 6.9755

Details

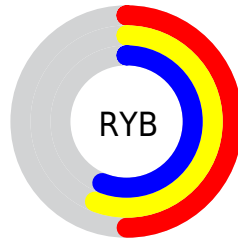
The HunterLab color $50.4913, -8.9176, 6.9755$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.1069, 3.9663, -1.8290$, and the grayscale version is $49.7228, -2.6531, 2.7015$.

A 20% lighter version of the original color is $72.5533, -11.0003, 8.7900$, and $31.4342, -6.9531, 5.2957$ is the 20% darker color. If you saturate the color by 10%, you get $49.1136, -14.6668, 10.8602$, and if you desaturate by 10%, it is $52.0333, -2.6853, 2.7652$.

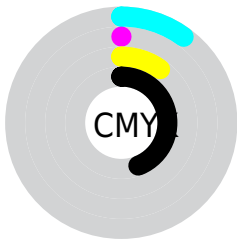
Distribution



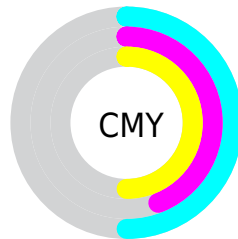
- Red (50%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (10%)
- Black (44%)



- Cyan (50%)
- Magenta (44%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4913, -8.9176, 6.9755 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 50.4913, -8.9176, 6.9755 by changing the saturation by 10% instead.

■ 50.4913, -8.9176,
6.9755

■ 50.4913, -8.9176,
6.9755

167.4196,
-18.3483, 15.5781

■ 40.5538, -7.9267,
6.1090

■ 72.4285, -10.9230,
8.7575

■ 31.3694, -6.9350,
5.2535

■ 84.3462, -11.9411,
9.6746

■ 23.0070, -5.9345,
4.4038

■ 96.8543, -12.9721,
10.6105

■ 15.5574, -4.9092,
3.5489

109.9260,
-14.0171, 11.5655

■ 9.1450, -4.2381,
3.0989

123.5379,
-15.0768, 12.5397

0.0000, NaN, NaN

137.6695,

0.0000, NaN, NaN

-16.1517, 13.5333

0.0000, NaN, NaN

152.3023,
-17.2421, 14.5461

0.0000, NaN, NaN

■ 50.4913, -8.9176,
6.9755

■ 50.4913, -8.9176,
6.9755

■ 49.1136, -14.6668,
10.8602

■ 52.0333, -2.6853,
2.7652

■ 47.9020, -19.8621,
14.3713

■ 53.7298, 3.9650,
-1.7266

■ 46.8608, -24.4428,
17.4676

■ 55.5746, 10.9667,
-6.4546

■ 45.9909, -28.3577,
20.1142

■ 57.5596, 18.2591,
-11.3778

■ 45.2905, -31.5720,
22.2874

■ 59.6766, 25.7880,
-16.4594

■ 44.7540, -34.0724,
23.9781

■ 61.9175, 33.5065,
-21.6676

■ 44.3725, -35.8722,
25.1952

■ 64.2742, 41.3747,
-26.9756

■ 44.1321, -37.0154,
25.9684

■ 66.7390, 49.3595,
-32.3609

■ 43.9872, -37.7080,
26.4367

■ 69.1571, 56.9755,
-37.4977

Harmonies

Analogous

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



50.4924, -5.8557, 9.1438



50.4913, -8.9176, 6.9755



50.4924, -10.3096, 3.5401

Triad

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



50.4924, -8.9187, 6.9762



50.4924, -3.5331, -5.3039



50.4924, 4.7256, 5.6973

Complementary

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



50.4913, -8.9176, 6.9755



48.1069, 3.9663, -1.8290

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.



50.4924, 5.3955, 1.9438



50.4913, -8.9176, 6.9755



50.4924, 0.5416, -4.6111

Square

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



50.4924, -8.9187, 6.9762



50.4924, -7.2648, -3.7039



50.4924, 3.8417, -1.8798



50.4924, 2.0395, 8.4477

Rectangle

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



50.4913, -8.9176, 6.9755



50.4924, -10.1342, 0.9109



50.4924, 3.8417, -1.8798



50.4924, 5.1976, 4.5194

Sweetspot

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



50.4924, -8.9187, 6.9762



68.4171, -6.2805, 5.5057



51.6300, -4.8685, 8.2767



32.2604, -3.2648, 2.8024



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



50.4924, -8.9187, 6.9762



66.5917, -13.7284, 10.5375



50.6810, -7.8644, 4.2755



24.5548, -4.1310, 3.2523



41.6771, -35.7381, 25.0555



4.0752, -3.4944, 2.4498

Inverse Universe

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



48.1069, 3.9663, -1.8290



62.6687, 7.4684, -3.9477



47.8946, 2.8300, 1.1857



23.4756, 1.6978, -0.7309



26.2997, 51.7058, -34.6854



2.5716, 5.0558, -3.3916

Previews

White Background



This preview shows how the HunterLab color 50.4913, -8.9176, 6.9755 looks on a white background.

Color Contrast Check

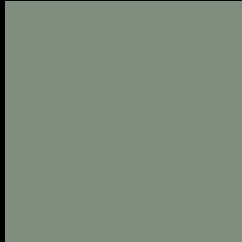
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4913, -8.9176, 6.9755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

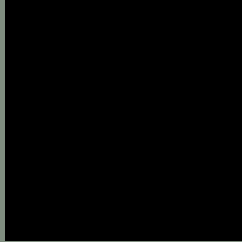
Any Text WCAG AA ✓ Pass

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 50.4913, -8.9176, 6.9755 Background



This preview shows how black text looks on a background with the HunterLab color 50.4913, -8.9176, 6.9755.



This preview shows how white text looks on a background with the HunterLab color 50.4913, -8.9176,

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

50.4913, -8.9176, 6.9755

Protanopia

50.5202, -2.9695, 7.9133

Deuteranopia

50.2561, 3.4867, 6.1132



Tritanopia

50.5695, -2.8873, -2.7198

Trichromacy



Original Color

50.4913, -8.9176, 6.9755

Protanomaly

50.3992, -4.8102, 7.3509

Deuteranomaly

50.2126, -0.9776, 6.4002

Tritanomaly

50.5316, -4.9918, 1.0232

Monochromacy



Original Color

50.4913, -8.9176, 6.9755

Achromatopsia

49.6187, -2.6475, 2.6959

Achromatomaly

49.8568, -4.9214, 4.2465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4913, -8.9176, 6.9755 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(128, 142, 128)` looks like.

```
.text, #text, p{  
    color:rgb(128, 142, 128)  
}
```

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(128, 142, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 142, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4913, -8.9176, 6.9755 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(128, 142, 128) }
```


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

```
.border{ border-color:rgb(128, 142, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 142, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 142, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 142, 128);  
box-shadow:4px 4px 4px 4px rgb(128, 142,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4913, -8.9176, 6.9755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 142, 128) }
```

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

```
.background{ background-color: rgb(128,  
142, 128) }
```

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