

Converting Colors

HunterLab(48.5255, -2.2545,
2.7320)

Have a look what the booklet for
HunterLab(48.5255, -2.2545, 2.7320)
contains.

HunterLab(48.5148, -2.2909, 2.7357)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

HunterLab(48.5148, -2.2909,
2.7357)

Conversions

Conversions Part 1

Format	Color
Hex	868585
RGB	134, 133, 133
RGB Percent	53%, 52%, 52%
CMY	0.4745, 0.4784, 0.4784
CMYK	0.00, 0.01, 0.01, 0.47
HSL	0°, 0%, 52%
HSV	0°, 1%, 53%
XYZ	22.4527, 23.5369, 25.5500
YIQ	133.2990, 0.5960, 0.2120

Conversions

Conversions Part 2

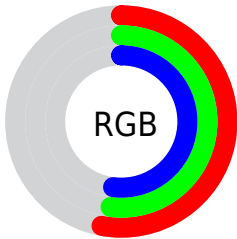
Format	Color
R_{YB}	134, 133, 133
Decimal	8816005
CIE Lab	55.62, 0.37, 0.13
CIE LCh	56, 0.394, 18.609
Yxy	23.5379, 0.3138, 0.3290
Android (android.graphics.Color)	4287006085 (0xFF868585)
YUV	133.2990, -0.1474, 0.6148
Hunter-Lab	48.5148, -2.2909, 2.7357

Details

The HunterLab color $48.5148, -2.2909, 2.7357$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.7419, -2.8960, 2.5482$, and the grayscale version is $48.5500, -2.5905, 2.6378$.

A 20% lighter version of the original color is $70.1625, -3.4273, 3.9181$, and $29.7751, -1.5887, 1.6177$ is the 20% darker color. If you saturate the color by 10%, you get $44.4524, 1.9982, 3.8950$, and if you desaturate by 10%, it is $52.7529, -6.4140, 1.6457$.

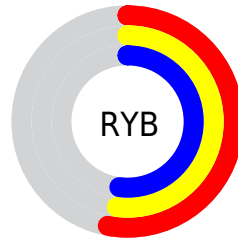
Distribution



Red (53%)

Green (52%)

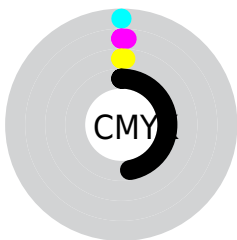
Blue (52%)



Red (53%)

Yellow (52%)

Blue (52%)

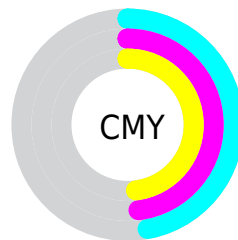


Cyan (0%)

Magenta (1%)

Yellow (1%)

Black (47%)



Cyan (47%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.5148, -2.2909, 2.7357 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 48.5148, -2.2909, 2.7357 by changing the saturation by 10% instead.

■ 48.5148, -2.2909,
2.7357

■ 48.5148, -2.2909,
2.7357

164.4615, -8.3349,
9.0958

■ 38.7184, -1.7904,
2.1962

■ 70.1962, -3.4109,
3.9291

■ 29.6870, -1.3315,
1.6971

■ 81.9965, -4.0232,
4.5772

■ 21.4931, -0.9197,
1.2428

■ 94.3927, -4.6682,
5.2575

■ 14.2331, -0.5611,
0.8382

107.3573, -5.3443,
5.9684

■ 7.8892, -0.2150,
0.4955

120.8666, -6.0502,
6.7088

0.0000, NaN, NaN

134.8993, -6.7846,

0.0000, NaN, NaN

7.4775

0.0000, NaN, NaN

149.4365, -7.5465,
8.2734

0.0000, NaN, NaN

■ 48.5148, -2.2909,
2.7357

■ 48.5148, -2.2909,
2.7357

■ 44.4524, 1.9982,
3.8950

■ 52.7529, -6.4140,
1.6457

■ 40.5912, 6.4727,
5.1283

■ 57.1410, -10.3885,
0.6142

■ 36.9678, 11.1341,
6.4394

■ 61.6618, -14.2368,
-0.3663

■ 33.6269, 15.9570,
7.8225

■ 66.3006, -17.9787,
-1.3033

■ 30.6223, 20.8646,
9.2550

■ 71.0456, -21.6319,
-2.2034

■ 28.0167, 25.6980,
10.6874

■ 75.8868, -25.2115,
-3.0725

■ 25.8756, 30.1918,
12.0349

■ 80.8159, -28.7305,
-3.9154

■ 24.2559, 33.9874,
13.1811

■ 85.8261, -32.1997,
-4.7362

■ 23.1861, 36.7220,
14.0075

■ 90.9114, -35.6284,
-5.5384

Harmonies

Analogous

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



48.5158, -2.2818, 2.5816



48.5148, -2.2909, 2.7357



48.5158, -2.3826, 2.8654

Triad

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



48.5158, -2.2921, 2.7365



48.5158, -2.8276, 2.8388



48.5158, -2.6536, 2.3458

Complementary

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



48.5148, -2.2909, 2.7357



48.7419, -2.8960, 2.5482

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.



48.5158, -2.7996, 2.4153



48.5148, -2.2909, 2.7357



48.5158, -2.9000, 2.7001

Square

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



48.5158, -2.2921, 2.7365



48.5158, -2.6919, 2.9243



48.5158, -2.8898, 2.5450



48.5158, -2.4906, 2.3557

Rectangle

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



48.5148, -2.2909, 2.7357



48.5158, -2.4762, 2.9193



48.5158, -2.8898, 2.5450



48.5158, -2.7062, 2.3607

Sweetspot

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



48.5158, -2.2921, 2.7365



64.8100, -3.4581, 3.5212



48.5438, -2.1344, 2.3275



30.7619, -1.6414, 1.6714



82.0889, -4.3801, 4.4600

Same Dimension

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



48.5158, -2.2921, 2.7365



64.2458, -2.8885, 3.6734



48.6564, -2.5262, 2.8973



23.2639, -1.0672, 1.3230



21.8095, 37.2698, 14.0914



1.2879, 2.1792, 0.8318

Inverse Universe

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



48.7419, -2.8960, 2.5482



64.6566, -3.9860, 3.3312



48.6009, -2.6622, 2.3858



23.3965, -1.4215, 1.2125



41.8437, -22.1189, -4.5527



2.4660, -1.3056, -0.2639

Previews

White Background



This preview shows how the HunterLab color 48.5148, -2.2909, 2.7357 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 48.5148, -2.2909, 2.7357 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

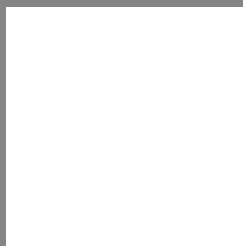
Any Text WCAG AAA × Fail

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

HunterLab 48.5148, -2.2909, 2.7357 Background



This preview shows how black text looks on a background with the HunterLab color 48.5148, -2.2909, 2.7357.



This preview shows how white text looks on a background with the HunterLab color 48.5148, -2.2909,

2.7357.

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

48.5148, -2.2909, 2.7357

Protanopia

48.6855, -1.6993, 2.9463

Deuteranopia

48.5106, 3.4444, 2.3863



Tritanopia

48.5864, -0.0666, -1.2913

Trichromacy



Original Color

48.5148, -2.2909, 2.7357

Protanomaly

48.5998, -1.9960, 2.8407

Deuteranomaly

48.4121, 1.7083, 2.2391

Tritanomaly

48.4949, -0.5640, 0.0090

Monochromacy



Original Color

48.5148, -2.2909, 2.7357

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.4304, -2.5841, 2.6313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.5148, -2.2909, 2.7357 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(134, 133, 133)` looks like.

```
.text, #text, p{  
    color:rgb(134, 133, 133)  
}
```

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(134, 133, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 133, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 48.5148, -2.2909, 2.7357 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(134, 133, 133) }
```

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

```
.border{ border-color:rgb(134, 133, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 133, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 133, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 133, 133);  
box-shadow:4px 4px 4px 4px rgb(134, 133,  
133) }
```


Background

The CSS property to change the background color of an element to HunterLab 48.5148, -2.2909, 2.7357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 133, 133) }
```

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

```
.background{ background-color: rgb(134,  
133, 133) }
```

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