

Converting Colors

HunterLab(48.9039, -8.6584,
17.4274)

Have a look what the booklet for
HunterLab(48.9039, -8.6584,
17.4274) contains.

HunterLab(48.9039, -8.6584, 17.4274)	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(48.9039, -8.6584,
17.4274)

Conversions

Conversions Part 1

Format	Color
Hex	88895D
RGB	136, 137, 93
RGB Percent	53%, 54%, 36%
CMY	0.4667, 0.4627, 0.6353
CMYK	0.01, 0.00, 0.32, 0.46
HSL	61°, 19%, 45%
HSV	61°, 32%, 54%
XYZ	21.0748, 23.9159, 13.8615
YIQ	131.6850, 13.5280, -13.8960

Conversions

Conversions Part 2

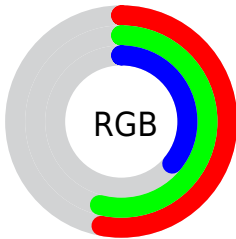
Format	Color
RYB	93, 137, 94
Decimal	8948061
CIELab	56.00, -7.73, 23.53
CIELCh	56, 24.771, 108.188
Yxy	23.9170, 0.3581, 0.4064
Android (android.graphics.Color)	4287138141 (0xFF88895D)
YUV	131.6850, -19.0717, 3.7843
Hunter-Lab	48.9039, -8.6584, 17.4274

Details

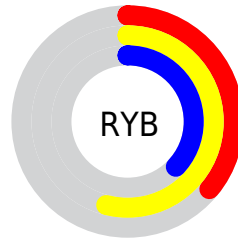
The HunterLab color $48.9039, -8.6584, 17.4274$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $34.6630, 6.5253, -19.0106$, and the grayscale version is $47.9811, -2.5602, 2.6069$.

A 20% lighter version of the original color is $70.5604, -10.4447, 21.1250$, and $29.9081, -6.6958, 13.1879$ is the 20% darker color. If you saturate the color by 10%, you get $48.6512, -10.0316, 20.7181$, and if you desaturate by 10%, it is $49.2018, -7.0558, 13.5312$.

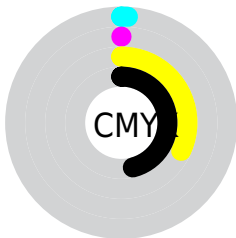
Distribution



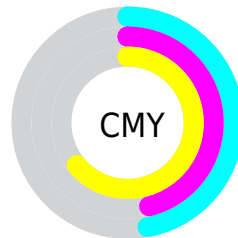
- Red (53%)
- Green (54%)
- Blue (36%)



- Red (36%)
- Yellow (54%)
- Blue (37%)



- Cyan (1%)
- Magenta (0%)
- Yellow (32%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.9039, -8.6584, 17.4274 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 48.9039, -8.6584, 17.4274 by changing the saturation by 10% instead.

■ 48.9039, -8.6584,
17.4274

■ 48.9039, -8.6584,
17.4274

165.0456,
-18.0140, 33.7096

■ 39.0795, -7.6767,
15.3896

■ 70.6362, -10.6465,
21.2781

■ 30.0176, -6.6935,
13.2379

■ 82.4599, -11.6558,
23.1263

■ 21.7900, -5.7006,
10.9258

■ 94.8783, -12.6782,
24.9392

■ 14.4921, -4.6808,
8.9830

■ 107.8642,
-13.7148, 26.7252

■ 8.1532, -4.5678,
5.7072

121.3938,
-14.7662, 28.4907

0.0000, NaN, NaN

0.0000, NaN, NaN

135.4461,

-15.8330, 30.2407

0.0000, NaN, NaN

150.0023,
-16.9155, 31.9793

0.0000, NaN, NaN

■ 48.9039, -8.6584,
17.4274

■ 48.9039, -8.6584,
17.4274

■ 48.6512, -10.0316,
20.7181

■ 49.2018, -7.0558,
13.5312

■ 48.4388, -11.1771,
23.4184

■ 49.5429, -5.2160,
9.0180

■ 48.2654, -12.1053,
25.5525

■ 49.9295, -3.1390,
3.8841

■ 48.1288, -12.8281,
27.1523

■ 50.3625, -0.8258,
-1.8687

■ 48.0258, -13.3610,
28.2586

■ 50.8423, 1.7208,
-8.2338

■ 47.9528, -13.7242,
28.9241

■ 51.3694, 4.4961,
-15.1999

■ 47.9070, -13.9439,
29.2759

■ 51.9439, 7.4942,
-22.7520

■ 52.5656, 10.7075,
-30.8713

■ 53.2343, 14.1276,
-39.5365

Harmonies

Analogous

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



48.9050, 1.5215, 17.7827



48.9039, -8.6584, 17.4274



48.9050, -16.5559, 13.6598

Triad

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



48.9050, -8.6599, 17.4279



48.9050, -15.1647, -13.6223



48.9050, 18.3925, -1.3668

Complementary

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



48.9039, -8.6584, 17.4274



34.6630, 6.5253, -19.0106

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.



48.9050, 13.0934, -11.6878



48.9039, -8.6584, 17.4274



48.9050, -6.6128, -19.6843

Square

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



48.9050, -8.6599, 17.4279



48.9050, -20.0911, -3.6118



48.9050, 3.7447, -18.9108



48.9050, 17.7292, 8.2011

Rectangle

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



48.9039, -8.6584, 17.4274



48.9050, -19.7234, 9.1763



48.9050, 3.7447, -18.9108



48.9050, 17.2326, -4.8935

Sweetspot

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



48.9050, -8.6599, 17.4279



66.3905, -6.4771, 10.8284



37.5065, 11.8057, 6.9468



31.4140, -3.2202, 5.5047



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



48.9050, -8.6599, 17.4279



65.1756, -13.0365, 26.8007



47.1998, -14.9185, 15.8141



24.1645, -2.2514, 3.6809



46.2364, -13.4544, 28.2551



3.7798, -1.0546, 2.3107

Inverse Universe

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



34.6630, 6.5253, -19.0106



41.8242, 12.3013, -34.0952



36.5105, 12.3630, -15.7213



22.1299, -0.1355, -1.3851



13.0458, 35.2372, -91.5365



1.0921, 2.8936, -7.2271

Previews

White Background



This preview shows how the HunterLab color 48.9039, -8.6584, 17.4274 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 48.9039, -8.6584, 17.4274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

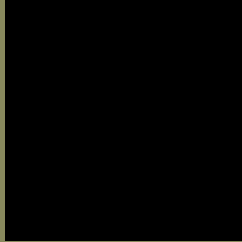
Any Text WCAG AA ✓ Pass

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 48.9039, -8.6584, 17.4274 Background



This preview shows how black text looks on a background with the HunterLab color 48.9039, -8.6584, 17.4274.



This preview shows how white text looks on a background with the HunterLab color 48.9039, -8.6584,

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

48.9039, -8.6584, 17.4274

Protanopia

48.8289, -4.5374, 17.7143

Deuteranopia

48.7218, 3.6975, 16.9121



Tritanopia

48.8942, 2.3424, -0.3877

Trichromacy



Original Color

48.9039, -8.6584, 17.4274

Protanomaly

48.8379, -5.9674, 17.6971

Deuteranomaly

48.6005, -0.9466, 17.0120

Tritanomaly

48.7911, -1.8224, 6.8610

Monochromacy



Original Color

48.9039, -8.6584, 17.4274

Achromatopsia

48.0354, -2.5630, 2.6099

Achromatomaly

48.3164, -5.2425, 8.6483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.9039, -8.6584, 17.4274 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(136, 137, 93)` looks like.

```
.text, #text, p{  
    color:rgb(136, 137, 93)  
}
```

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(136, 137, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 137, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 48.9039, -8.6584, 17.4274 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(136, 137, 93) }
```


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

```
.border{ border-color:rgb(136, 137, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 137, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 137, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 137, 93);  
box-shadow:4px 4px 4px 4px rgb(136, 137,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.9039, -8.6584, 17.4274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 137, 93) }
```

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

```
.background{ background-color: rgb(136,  
137, 93) }
```

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