

Converting Colors

HunterLab(50.3596, 2.0559,
13.4730)

Have a look what the booklet for
HunterLab(50.3596, 2.0559,
13.4730) contains.

HunterLab(50.4648, 1.8650, 13.4599)	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(50.4648, 1.8650,
13.4599)**

Conversions

Conversions Part 1

Format	Color
Hex	9E866F
RGB	158, 134, 111
RGB Percent	62%, 53%, 44%
CMY	0.3804, 0.4745, 0.5647
CMYK	0.00, 0.15, 0.30, 0.38
HSL	29°, 20%, 53%
HSV	29°, 30%, 62%
XYZ	25.4949, 25.4670, 18.6108
YIQ	138.5540, 21.6870, -2.0650

Conversions

Conversions Part 2

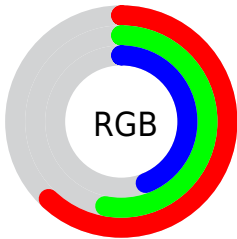
Format	Color
R_{YB}	158, 156, 111
Decimal	10389103
CIE _{Lab}	57.53, 5.53, 15.78
CIE _{LCh}	58, 16.719, 70.693
Yxy	25.4681, 0.3664, 0.3661
Android (android.graphics.Color)	4288579183 (0xFF9E866F)
YUV	138.5540, -13.5841, 17.0541
Hunter-Lab	50.4648, 1.8650, 13.4599

Details

The HunterLab color $50.4648, 1.8650, 13.4599$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48.1409, -4.9320, -10.2615$, and the grayscale version is $50.6812, -2.7042, 2.7536$.

A 20% lighter version of the original color is $72.3403, 1.2750, 16.1987$, and $31.2469, 2.5086, 10.3750$ is the 20% darker color. If you saturate the color by 10%, you get $47.9631, 3.9991, 16.1821$, and if you desaturate by 10%, it is $53.0692, -0.0309, 10.3439$.

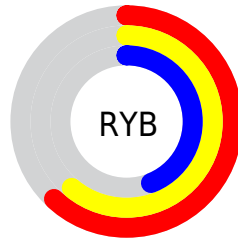
Distribution



Red (62%)

Green (53%)

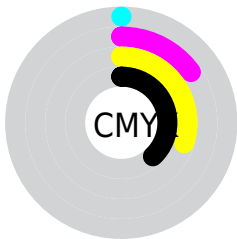
Blue (44%)



Red (62%)

Yellow (61%)

Blue (44%)

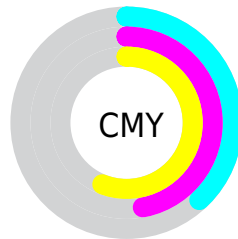


Cyan (0%)

Magenta (15%)

Yellow (30%)

Black (38%)



Cyan (38%)

Magenta (47%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.4648, 1.8650, 13.4599 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 50.4648, 1.8650, 13.4599 by changing the saturation by 10% instead.

■ 50.4648, 1.8650,
13.4599

■ 50.4648, 1.8650,
13.4599

167.3802, -2.2062,
26.2562

■ 40.5292, 2.0842,
11.9629

■ 72.3987, 1.2555,
16.3621

■ 31.3468, 2.2406,
10.4123

■ 84.3149, 0.8788,
17.7858

■ 22.9867, 2.3218,
8.7811

■ 96.8215, 0.4587,
19.2003

■ 15.5396, 2.3125,
7.0223

■ 109.8917, -0.0021,
20.6099

■ 9.1295, 2.2078,
6.3906

123.5023, -0.5009,
22.0180

0.0000, NaN, NaN

0.0000, NaN, NaN

137.6326, -1.0357,

23.4271

0.0000, NaN, NaN

152.2641, -1.6047,
24.8393

0.0000, NaN, NaN

■ 50.4648, 1.8650,
13.4599

■ 50.4648, 1.8650,
13.4599

■ 47.9631, 3.9991,
16.1821

■ 53.0692, -0.0309,
10.3439

■ 45.5695, 6.3890,
18.4673

■ 55.7647, -1.6981,
6.8709

■ 43.2945, 9.0406,
20.2748

■ 58.5451, -3.1545,
3.0770

■ 41.1483, 11.9539,
21.5664

■ 61.4039, -4.4162,
-1.0058

■ 39.1409, 15.1177,
22.3130

■ 64.3351, -5.4989,
-5.3489

■ 37.2818, 18.5047,
22.5046

■ 67.3336, -6.4177,
-9.9274

■ 35.5710, 22.0267,
22.2851

■ 70.3945, -7.1864,
-14.7192

■ 35.5291, 22.1155,
22.2801

■ 73.5136, -7.8179,
-19.7052

■ 76.6872, -8.3238,
-24.8684

Harmonies

Analogous

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



50.4660, 7.9948, 10.4493



50.4648, 1.8650, 13.4599



50.4660, -5.1850, 13.8425

Triad

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



50.4660, 1.8632, 13.4606



50.4660, -15.3320, 0.2964



50.4660, 6.4466, -8.0361

Complementary

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



50.4648, 1.8650, 13.4599



48.1409, -4.9320, -10.2615

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.



50.4660, -0.1566, -11.6313



50.4648, 1.8650, 13.4599



50.4660, -12.5639, -6.4006

Square

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



50.4660, 1.8632, 13.4606



50.4660, -14.8574, 6.8256



50.4660, -7.0978, -10.9948



50.4660, 10.7398, -1.7033

Rectangle

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



50.4648, 1.8650, 13.4599



50.4660, -9.4273, 12.6216



50.4660, -7.0978, -10.9948



50.4660, 4.4089, -9.6417

Sweetspot

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



50.4660, 1.8632, 13.4606



75.3585, -2.4077, 8.9787



45.1614, 16.5322, -2.1128



35.5388, -1.0049, 4.5851



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



50.4660, 1.8632, 13.4606



65.6458, 4.4778, 20.7505



57.1001, -9.0699, 19.4100



26.7493, -0.8497, 3.2007



31.9194, 19.5041, 20.0100



5.1638, 0.7528, 3.1951

Inverse Universe

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



48.1409, -4.9320, -10.2615



61.8161, -6.6577, -18.3686



41.7002, 6.2051, -20.1886



26.3952, -1.8922, -0.4057



25.9428, 4.9612, -43.1361



4.5269, -1.0940, -3.2967

Previews

White Background



This preview shows how the HunterLab color 50.4648, 1.8650, 13.4599 looks on a white background.

Color Contrast Check

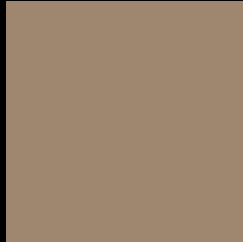
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.4648, 1.8650, 13.4599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

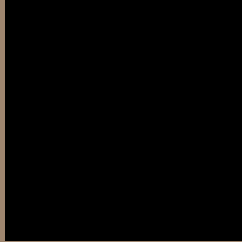
Any Text WCAG AA ✓ Pass

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 50.4648, 1.8650, 13.4599 Background



This preview shows how black text looks on a background with the HunterLab color 50.4648, 1.8650, 13.4599.



This preview shows how white text looks on a background with the HunterLab color 50.4648, 1.8650,

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

50.4648, 1.8650, 13.4599

Protanopia

50.4779, -3.7392, 12.6887

Deuteranopia

50.4973, 3.3754, 13.5178



Tritanopia

50.4339, 8.7674, 2.0629

Trichromacy



Original Color

50.4648, 1.8650, 13.4599

Protanomaly

50.5423, -2.1061, 13.1247

Deuteranomaly

50.3948, 3.0306, 13.4126

Tritanomaly

50.2903, 6.3204, 6.6137

Monochromacy



Original Color

50.4648, 1.8650, 13.4599

Achromatopsia

50.8117, -2.7112, 2.7607

Achromatomaly

50.5839, -1.1413, 6.8061

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.4648, 1.8650, 13.4599 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(158, 134, 111)` looks like.

```
.text, #text, p{  
    color:rgb(158, 134, 111)  
}
```

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(158, 134, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 134, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 50.4648, 1.8650, 13.4599 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(158, 134, 111) }
```


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

```
.border{ border-color:rgb(158, 134, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 134, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 134, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 134, 111);  
box-shadow:4px 4px 4px 4px rgb(158, 134,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.4648, 1.8650, 13.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 134, 111) }
```

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

```
.background{ background-color: rgb(158,  
134, 111) }
```

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