

Converting Colors

HunterLab(48.0616, 0.1776,
4.4252)

Have a look what the booklet for
HunterLab(48.0616, 0.1776, 4.4252)
contains.

HunterLab(48.0617, 0.1776, 4.4253)	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(48.0617, 0.1776,
4.4253)**

Conversions

Conversions Part 1

Format	Color
Hex	8C8280
RGB	140, 130, 128
RGB Percent	55%, 51%, 50%
CMY	0.4510, 0.4902, 0.4980
CMYK	0.00, 0.07, 0.09, 0.45
HSL	10°, 5%, 53%
HSV	10°, 9%, 55%
XYZ	22.6942, 23.0993, 23.6846
YIQ	132.7620, 6.6020, 1.4980

Conversions

Conversions Part 2

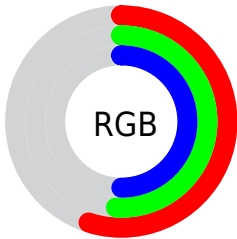
Format	Color
R_{YB}	140, 130, 128
Decimal	9208448
CIE _{Lab}	55.18, 3.40, 2.43
CIE _{LCh}	55, 4.184, 35.577
Yxy	23.1003, 0.3266, 0.3325
Android (android.graphics.Color)	4287398528 (0xFF8C8280)
YUV	132.7620, -2.3477, 6.3477
Hunter-Lab	48.0617, 0.1776, 4.4253

Details

The HunterLab color $[48.0617, 0.1776, 4.4253]$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $[49.6580, -5.2176, 0.8839]$, and the grayscale version is $[48.3445, -2.5795, 2.6266]$.

A 20% lighter version of the original color is $[69.7657, -0.5016, 5.8286]$, and $[29.3650, 0.7064, 3.1716]$ is the 20% darker color. If you saturate the color by 10%, you get $[44.5281, 3.7379, 6.3058]$, and if you desaturate by 10%, it is $[51.7452, -3.2053, 2.5060]$.

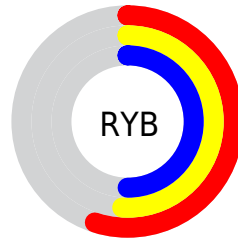
Distribution



Red (55%)

Green (51%)

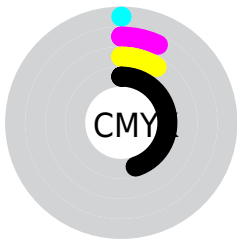
Blue (50%)



Red (55%)

Yellow (51%)

Blue (50%)

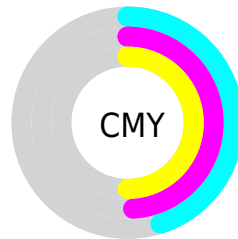


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.0617, 0.1776, 4.4253 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 48.0617, 0.1776, 4.4253 by changing the saturation by 10% instead.

■ 48.0617, 0.1776,
4.4253

■ 48.0617, 0.1776,
4.4253

163.7802, -4.6448,
11.6690

■ 38.2983, 0.5024,
3.7571

■ 69.6835, -0.6244,
5.8505

■ 29.3026, 0.7712,
3.1177

■ 81.4565, -1.0905,
6.6046

■ 21.1481, 0.9739,
2.5078

■ 93.8267, -1.5963,
7.3855

■ 13.9326, 1.0973,
1.9258

106.7665, -2.1393,
8.1926

■ 7.5694, 1.5545,
1.7449

120.2519, -2.7173,
9.0252

0.0000, NaN, NaN

0.0000, NaN, NaN

134.2616, -3.3285,

9.8825

0.0000, NaN, NaN

148.7767, -3.9715,
10.7640

0.0000, NaN, NaN

■ 48.0617, 0.1776,
4.4253

■ 48.0617, 0.1776,
4.4253

■ 44.5281, 3.7379,
6.3058

■ 51.7452, -3.2053,
2.5060

■ 41.1626, 7.4944,
8.1289

■ 55.5579, -6.4255,
0.5562

■ 37.9922, 11.4515,
9.8713

■ 59.4863, -9.5033,
-1.4165

■ 35.0477, 15.5975,
11.4975

■ 63.5183, -12.4569,
-3.4078

■ 32.3653, 19.8900,
12.9583

■ 67.6440, -15.3030,
-5.4148

■ 29.9855, 24.2397,
14.1895

■ 71.8548, -18.0563,
-7.4359

■ 27.9509, 28.4951,
15.1165

■ 76.1437, -20.7296,
-9.4702

■ 26.3004, 32.4383,
15.6689

■ 80.5046, -23.3341,
-11.5169

■ 25.0528, 35.7757,
15.9278

■ 84.9323, -25.8795,
-13.5759

Harmonies

Analogous

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



48.0628, 0.7983, 2.9236



48.0617, 0.1776, 4.4253



48.0628, -1.1800, 5.4168

Triad

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



48.0628, 0.1763, 4.4261



48.0628, -5.5669, 3.9098



48.0628, -2.2424, -0.6505

Complementary

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



48.0617, 0.1776, 4.4253



49.6580, -5.2176, 0.8839

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.



48.0628, -3.9386, -0.3638



48.0617, 0.1776, 4.4253



48.0628, -5.8423, 2.3067

Square

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



48.0628, 0.1763, 4.4261



48.0628, -4.4926, 5.1263



48.0628, -5.2503, 0.7331



48.0628, -0.6108, -0.0370

Rectangle

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



48.0617, 0.1776, 4.4253



48.0628, -2.3096, 5.6738



48.0628, -5.2503, 0.7331



48.0628, -2.8240, -0.6565

Sweetspot

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



48.0628, 0.1763, 4.4261



66.4878, -2.2670, 4.4783



47.8008, 2.6925, -0.3227



31.7386, -0.9258, 2.2420



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.



48.0628, 0.1763, 4.4261



63.0336, 0.9925, 6.2903



49.7419, -2.6609, 6.2616



22.7482, 0.1777, 2.1552



23.5219, 33.9585, 15.0886



2.2668, 1.7874, 1.4281

Inverse Universe

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



49.6580, -5.2176, 0.8839



65.5524, -7.5261, 0.6972



47.9432, -2.4108, -1.1831



23.5563, -2.5548, 0.3609



35.9671, -14.1425, -14.4261



3.2158, -1.5168, -0.7452

Previews

White Background



This preview shows how the HunterLab color 48.0617, 0.1776, 4.4253 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 48.0617, 0.1776, 4.4253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

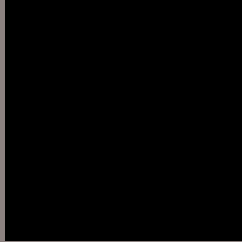
Any Text WCAG AA ✓ Pass

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 48.0617, 0.1776, 4.4253 Background



This preview shows how black text looks on a background with the HunterLab color 48.0617, 0.1776, 4.4253.



This preview shows how white text looks on a background with the HunterLab color 48.0617, 0.1776,

4.4253.

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

48.0617, 0.1776, 4.4253

Protanopia

48.2062, -2.1379, 4.1229

Deuteranopia

48.0706, 3.0254, 4.4854



Tritanopia

47.8916, 2.9997, -0.2044

Trichromacy



Original Color

48.0617, 0.1776, 4.4253

Protanomaly

48.0998, -1.0651, 4.0196

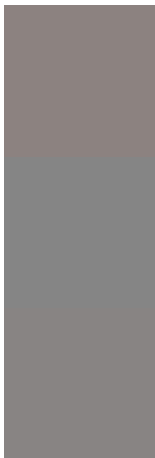
Deuteranomaly

48.1543, 1.9071, 4.5611

Tritanomaly

48.0463, 1.8799, 1.8065

Monochromacy



Original Color

48.0617, 0.1776, 4.4253

Achromatopsia

48.4304, -2.5841, 2.6313

Achromatomaly

48.3482, -1.5350, 3.4328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.0617, 0.1776, 4.4253 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(140, 130, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 130, 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(140, 130, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 130, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 48.0617, 0.1776, 4.4253 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(140, 130, 128) }
```


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

```
.border{ border-color:rgb(140, 130, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 130, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 130, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 130, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 130,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.0617, 0.1776, 4.4253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 130, 128) }
```

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

```
.background{ background-color: rgb(140,  
130, 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