

Converting Colors

HunterLab(45.4497, -17.2304,
10.4767)

Have a look what the booklet for
HunterLab(45.4497, -17.2304,
10.4767) contains.

HunterLab(45.5635, -17.5167, 10.7271)	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(45.5635,
-17.5167, 10.7271)**

Conversions

Conversions Part 1

Format	Color
Hex	5F8768
RGB	95, 135, 104
RGB Percent	37%, 53%, 41%
CMY	0.6274, 0.4706, 0.5922
CMYK	0.30, 0.00, 0.23, 0.47
HSL	133°, 17%, 45%
HSV	133°, 30%, 53%
XYZ	15.8820, 20.7603, 16.2668
YIQ	119.5060, -13.8890, -18.1210

Conversions

Conversions Part 2

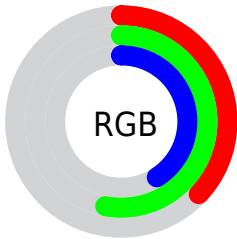
Format	Color
R_{YB}	95, 128, 135
Decimal	6260584
CIE _{Lab}	52.69, -20.67, 12.30
CIE _{LCh}	53, 24.050, 149.235
Yxy	20.7612, 0.3002, 0.3924
Android (android.graphics.Color)	4284450664 (0xFF5F8768)
YUV	119.5060, -7.6445, -21.4918
Hunter-Lab	45.5635, -17.5167, 10.7271

Details

The HunterLab color $45.5635, -17.5167, 10.7271$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $38.5255, 15.2869, -6.3719$, and the grayscale version is $43.1801, -2.3040, 2.3461$.

A 20% lighter version of the original color is $66.6663, -20.9351, 13.1338$, and $27.1970, -13.7329, 8.0796$ is the 20% darker color. If you saturate the color by 10%, you get $44.6096, -21.6453, 13.1786$, and if you desaturate by 10%, it is $46.6625, -12.9043, 8.1233$.

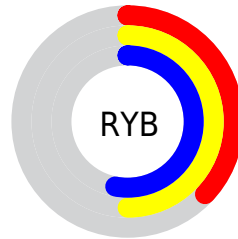
Distribution



Red (37%)

Green (53%)

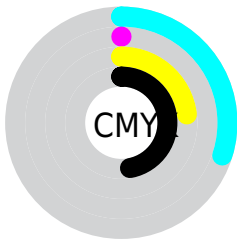
Blue (41%)



Red (37%)

Yellow (50%)

Blue (53%)

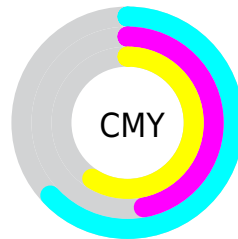


Cyan (30%)

Magenta (0%)

Yellow (23%)

Black (47%)



Cyan (63%)

Magenta (47%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5635, -17.5167, 10.7271 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 45.5635, -17.5167, 10.7271 by changing the saturation by 10% instead.

■ 45.5635, -17.5167,
10.7271

■ 45.5635, -17.5167,
10.7271

160.0021,
-32.4143, 22.0252

■ 35.9855, -15.6957,
9.4435

■ 66.8504, -20.9879,
13.2394

■ 27.1916, -13.7828,
8.1219

■ 78.4700, -22.6669,
14.4837

■ 19.2603, -11.7339,
6.7371

■ 90.6944, -24.3215,
15.7272

■ 12.2983, -9.4679,
5.3823

■ 103.4948,
-25.9584, 16.9733

■ 5.4542, -9.5449,
3.8179

116.8465,
-27.5825, 18.2245

0.0000, NaN, NaN

130.7276,

0.0000, NaN, NaN

-29.1980, 19.4826

0.0000, NaN, NaN

145.1186,
-30.8077, 20.7492

0.0000, NaN, NaN

■ 45.5635, -17.5167,
10.7271

■ 45.5635, -17.5167,
10.7271

■ 44.6096, -21.6453,
13.1786

■ 46.6625, -12.9043,
8.1233

■ 43.7989, -25.2462,
15.4478

■ 47.9012, -7.8542,
5.3943

■ 43.1310, -28.2895,
17.5092

■ 49.2764, -2.4193,
2.5685

■ 42.6024, -30.7593,
19.3401

■ 50.7831, 3.3478,
-0.3283

■ 42.2063, -32.6579,
20.9235

■ 52.4155, 9.3966,
-3.2733

■ 41.9330, -34.0090,
22.2482

■ 54.1673, 15.6803,
-6.2467

■ 41.7488, -34.9445,
23.2959

■ 56.0321, 22.1568,
-9.2320

■ 41.7426, -34.9761,
23.3287

■ 58.0032, 28.7889,
-12.2158

■ 60.0744, 35.5451,
-15.1877

Harmonies

Analogous

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



45.5645, -11.2741, 15.5106



45.5635, -17.5167, 10.7271



45.5645, -19.7819, 2.7188

Triad

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



45.5645, -17.5175, 10.7276



45.5645, -2.6848, -19.3237



45.5645, 15.1981, 10.3931

Complementary

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



45.5635, -17.5167, 10.7271



38.5255, 15.2869, -6.3719

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.



45.5645, 17.9746, 2.2403



45.5635, -17.5167, 10.7271



45.5645, 7.1368, -16.0926

Square

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



45.5645, -17.5175, 10.7276



45.5645, -11.6750, -15.7618



45.5645, 14.9100, -7.6716



45.5645, 7.6085, 15.3481

Rectangle

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



45.5635, -17.5167, 10.7271



45.5645, -18.8912, -3.8275



45.5645, 14.9100, -7.6716



45.5645, 16.7523, 7.9979

Sweetspot

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



45.5645, -17.5175, 10.7276



64.1757, -10.2084, 7.0588



47.5565, -10.4682, 15.6229



30.7751, -5.3490, 3.6283



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.



45.5645, -17.5175, 10.7276



60.0371, -27.4745, 16.7320



46.0528, -14.6968, 3.7114



22.8488, -3.6111, 2.5006



40.0856, -33.5718, 22.3684



2.3794, -1.8516, 1.0232

Inverse Universe

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



38.5255, 15.2869, -6.3719



48.5234, 26.3610, -11.2340



37.9253, 12.2472, 2.1237



21.7839, 1.3267, -0.0860



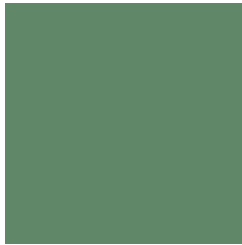
23.8437, 44.7563, -15.0043



1.4417, 2.7694, -1.3969

Previews

White Background



This preview shows how the HunterLab color 45.5635, -17.5167, 10.7271 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 45.5635, -17.5167, 10.7271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

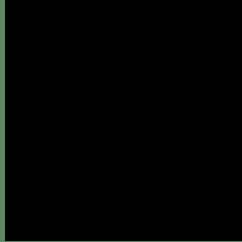
Any Text WCAG AA ✓ Pass

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 45.5635, -17.5167, 10.7271 Background



This preview shows how black text looks on a background with the HunterLab color 45.5635, -17.5167, 10.7271.



This preview shows how white text looks on a background with the HunterLab color 45.5635,

-17.5167, 10.7271.

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

45.5635, -17.5167, 10.7271

Protanopia

45.3372, -3.5158, 12.4378

Deuteranopia

45.4594, 2.8760, 9.9203



Tritanopia

45.5117, -7.9899, -4.9240

Trichromacy



Original Color

45.5635, -17.5167, 10.7271

Protanomaly

45.3454, -9.2581, 11.6815

Deuteranomaly

45.1641, -5.2621, 9.8373

Tritanomaly

45.5123, -11.8225, 1.2331

Monochromacy



Original Color

45.5635, -17.5167, 10.7271

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

43.8881, -7.9616, 5.3979

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5635, -17.5167, 10.7271 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(95, 135, 104)` looks like.

```
.text, #text, p{  
    color:rgb(95, 135, 104)  
}
```

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(95, 135, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 135, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5635, -17.5167, 10.7271 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(95, 135, 104) }
```


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

```
.border{ border-color:rgb(95, 135, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 135, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 135, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 135, 104);  
box-shadow:4px 4px 4px 4px rgb(95, 135,  
104) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5635, -17.5167, 10.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 135, 104) }
```

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

```
.background{ background-color: rgb(95, 135,  
104) }
```

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