

Converting Colors

HunterLab(45.5417, -17.1689,
5.5276)

Have a look what the booklet for
HunterLab(45.5417, -17.1689,
5.5276) contains.

HunterLab(45.5090, -17.0466, 5.4142)	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(45.5090,
-17.0466, 5.4142)**

Conversions

Conversions Part 1

Format	Color
Hex	588776
RGB	88, 135, 118
RGB Percent	35%, 53%, 46%
CMY	0.6549, 0.4706, 0.5372
CMYK	0.35, 0.00, 0.13, 0.47
HSL	158°, 21%, 44%
HSV	158°, 35%, 53%
XYZ	15.9585, 20.7107, 20.2961
YIQ	119.0090, -22.5550, -15.2510

Conversions

Conversions Part 2

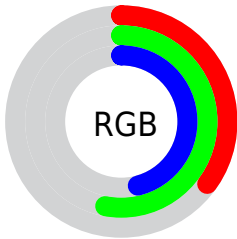
Format	Color
R_{YB}	88, 117, 135
Decimal	5801846
CIE _{Lab}	52.63, -19.99, 4.08
CIE _{LCh}	53, 20.400, 168.454
Yxy	20.7115, 0.2801, 0.3636
Android (android.graphics.Color)	4283991926 (0xFF588776)
YUV	119.0090, -0.4974, -27.1949
Hunter-Lab	45.5090, -17.0466, 5.4142

Details

The HunterLab color $45.5090, -17.0466, 5.4142$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $36.2641, 15.4507, 0.7644$, and the grayscale version is $42.9631, -2.2924, 2.3343$.

A 20% lighter version of the original color is $66.6665, -20.1311, 6.9049$, and $27.1487, -13.3820, 3.8404$ is the 20% darker color. If you saturate the color by 10%, you get $44.7207, -20.3279, 6.4423$, and if you desaturate by 10%, it is $46.4238, -13.3559, 4.4883$.

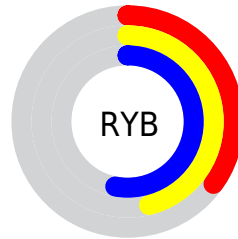
Distribution



Red (35%)

Green (53%)

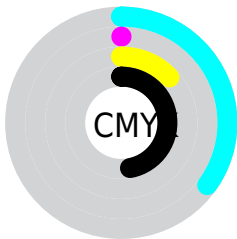
Blue (46%)



Red (35%)

Yellow (46%)

Blue (53%)

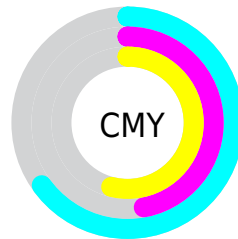


Cyan (35%)

Magenta (0%)

Yellow (13%)

Black (47%)



Cyan (65%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.5090, -17.0466, 5.4142 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 45.5090, -17.0466, 5.4142 by changing the saturation by 10% instead.

■ 45.5090, -17.0466,
5.4142

■ 45.5090, -17.0466,
5.4142

159.9192,
-31.6456, 13.2598

■ 35.9351, -15.2706,
4.6550

■ 66.7884, -20.4378,
7.0001

■ 27.1457, -13.4076,
3.9151

■ 78.4047, -22.0807,
7.8268

■ 19.2194, -11.4152,
3.1909

■ 90.6258, -23.7013,
8.6764

■ 12.2630, -9.2146,
2.4739

■ 103.4231,
-25.3058, 9.5488

■ 5.3983, -9.4470,
3.4291

■ 116.7719,
-26.8991, 10.4436

0.0000, NaN, NaN

130.6501,

0.0000, NaN, NaN

-28.4850, 11.3606

0.0000, NaN, NaN

145.0384,
-30.0664, 12.2995

0.0000, NaN, NaN

■ 45.5090, -17.0466,
5.4142

■ 45.5090, -17.0466,
5.4142

■ 44.7207, -20.3279,
6.4423

■ 46.4238, -13.3559,
4.4883

■ 44.0551, -23.1753,
7.5591

■ 47.4617, -9.2839,
3.6714

■ 43.5102, -25.5767,
8.7511

■ 48.6218, -4.8660,
2.9699

■ 43.0807, -27.5318,
10.0014

■ 49.9012, -0.1396,
2.3870

■ 42.7591, -29.0550,
11.2909

■ 51.2959, 4.8572,
1.9233

■ 42.5325, -30.1867,
12.5966

■ 52.8017, 10.0874,
1.5775

■ 42.4303, -30.7080,
13.2555

■ 54.4135, 15.5160,
1.3464

■ 56.1263, 21.1109,
1.2257

■ 57.9350, 26.8437,
1.2103

Harmonies

Analogous

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



45.5099, -13.7792, 11.4465



45.5090, -17.0466, 5.4142



45.5099, -16.6131, -2.5999

Triad

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



45.5099, -17.0472, 5.4148



45.5099, 2.7367, -14.4219



45.5099, 8.6549, 12.4453

Complementary

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



45.5090, -17.0466, 5.4142



36.2641, 15.4507, 0.7644

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.



45.5099, 13.7339, 7.0294



45.5090, -17.0466, 5.4142



45.5099, 10.1517, -8.7965

Square

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



45.5099, -17.0472, 5.4148



45.5099, -5.5839, -15.0664



45.5099, 14.3005, -0.6702



45.5099, 0.8107, 14.9917

Rectangle

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



45.5090, -17.0466, 5.4142



45.5099, -14.2762, -8.0216



45.5099, 14.3005, -0.6702



45.5099, 10.7657, 10.9499

Sweetspot

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



45.5099, -17.0472, 5.4148



64.2050, -9.7639, 4.4625



45.8812, -16.9579, 16.0437



30.8073, -5.0444, 2.2038



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.



45.5099, -17.0472, 5.4148



60.0298, -26.4229, 8.3535



44.1080, -11.5747, -3.8362



22.9151, -3.2410, 1.5513



40.7471, -29.4678, 12.6822



2.4274, -1.5569, 0.3269

Inverse Universe

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



36.2641, 15.4507, 0.7644



45.0735, 26.4528, 1.0175



37.2947, 10.2617, 8.4823



21.7129, 0.9452, 0.9244



22.2606, 39.0455, 7.2257



1.3593, 2.4765, -0.2744

Previews

White Background



This preview shows how the HunterLab color 45.5090, -17.0466, 5.4142 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 45.5090, -17.0466, 5.4142 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

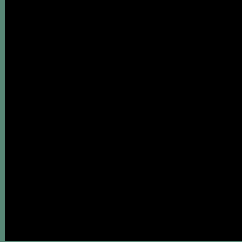
Any Text WCAG AA ✓ Pass

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 45.5090, -17.0466, 5.4142 Background



This preview shows how black text looks on a background with the HunterLab color 45.5090, -17.0466, 5.4142.



This preview shows how white text looks on a background with the HunterLab color 45.5090,

-17.0466, 5.4142.

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

45.5090, -17.0466, 5.4142

Protanopia

45.3931, -2.6784, 7.5185

Deuteranopia

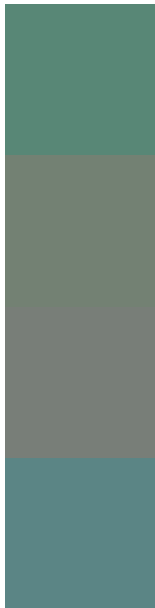
45.3257, 3.1295, 4.3221



Tritanopia

45.5880, -10.6785, -5.3787

Trichromacy



Original Color

45.5090, -17.0466, 5.4142

Protanomaly

45.3687, -8.5163, 6.6102

Deuteranomaly

45.0232, -5.0614, 4.2545

Tritanomaly

45.4892, -13.1508, -1.1225

Monochromacy



Original Color

45.5090, -17.0466, 5.4142

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

43.8033, -8.0007, 3.2281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.5090, -17.0466, 5.4142 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(88, 135, 118)` looks like.

```
.text, #text, p{  
    color:rgb(88, 135, 118)  
}
```

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(88, 135, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 135, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 45.5090, -17.0466, 5.4142 is called "border". The border property can be set on classes, ids or directly on the HTML element.

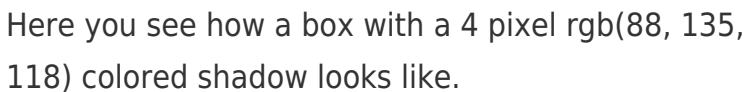
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(88, 135, 118) }
```


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

```
.border{ border-color:rgb(88, 135, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(88, 135, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(88, 135, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(88, 135, 118); box-shadow:4px 4px 4px 4px rgb(88, 135, 118) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.5090, -17.0466, 5.4142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 135, 118) }
```

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

```
.background{ background-color: rgb(88, 135,  
118) }
```

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