

Converting Colors

HunterLab(45.8761, 8.7663,
-17.0234)

Have a look what the booklet for
HunterLab(45.8761, 8.7663,
-17.0234) contains.

HunterLab(45.7587, 8.7746, -17.1580)	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(45.7587, 8.7746,
-17.1580)**

Conversions

Conversions Part 1

Format	Color
Hex	8378A4
RGB	131, 120, 164
RGB Percent	51%, 47%, 64%
CMY	0.4863, 0.5294, 0.3569
CMYK	0.20, 0.27, 0.00, 0.36
HSL	255°, 19%, 56%
HSV	255°, 27%, 64%
XYZ	22.7774, 20.9386, 37.9630
YIQ	128.3050, -7.5680, 16.0160

Conversions

Conversions Part 2

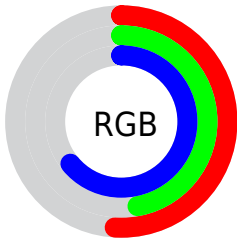
Format	Color
R_{YB}	131, 120, 164
Decimal	8616100
CIE Lab	52.88, 13.66, -22.00
CIE LCh	53, 25.899, 301.838
Yxy	20.9394, 0.2789, 0.2564
Android (android.graphics.Color)	4286806180 (0xFF8378A4)
YUV	128.3050, 17.5976, 2.3635
Hunter-Lab	45.7587, 8.7746, -17.1580

Details

The HunterLab color $45.7587, 8.7746, -17.1580$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58.8896, -12.7205, 18.1737$, and the grayscale version is $46.5167, -2.4820, 2.5273$.

A 20% lighter version of the original color is $67.0327, 9.3029, -17.8088$, and $27.4844, 7.9854, -15.9931$ is the 20% darker color. If you saturate the color by 10%, you get $40.4995, 13.6532, -26.2234$, and if you desaturate by 10%, it is $51.2533, 4.1376, -8.9751$.

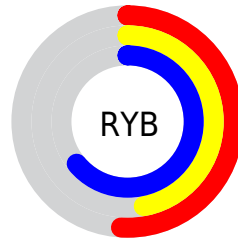
Distribution



Red (51%)

Green (47%)

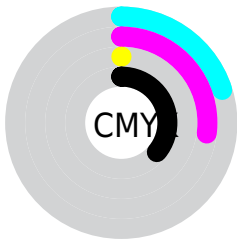
Blue (64%)



Red (51%)

Yellow (47%)

Blue (64%)

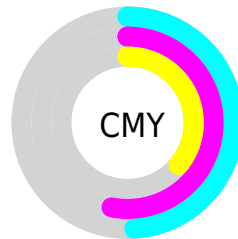


Cyan (20%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (49%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.7587, 8.7746, -17.1580 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 45.7587, 8.7746, -17.1580 by changing the saturation by 10% instead.

■ 45.7587, 8.7746,
-17.1580

■ 45.7587, 8.7746,
-17.1580

160.2986, 8.0417,
-18.2659

■ 36.1659, 8.5201,
-16.7387

■ 67.0721, 9.0309,
-17.8050

■ 27.3559, 8.1652,
-16.2667

■ 78.7039, 9.0529,
-18.0351

■ 19.4069, 7.6897,
-15.7703

■ 90.9398, 9.0131,
-18.2057

■ 12.4245, 7.0656,
-15.3442

103.7513, 8.9167,
-18.3198

■ 5.6496, 10.2359,
-19.2428

117.1136, 8.7679,
-18.3802

0.0000, NaN, -NF

0.0000, NaN, NaN

131.0048, 8.5705,

-18.3897

0.0000, NaN, NaN

145.4057, 8.3276,
-18.3508

0.0000, NaN, NaN

■ 45.7587, 8.7746,
-17.1580

■ 45.7587, 8.7746,
-17.1580

■ 40.4995, 13.6532,
-26.2234

■ 51.2533, 4.1376,
-8.9751

■ 35.5225, 18.8246,
-36.4038

■ 56.9445, -0.3056,
-1.4855

■ 30.8979, 24.3127,
-47.9315

■ 62.8061, -4.5991,
5.4642

■ 26.7231, 30.0586,
-60.9323

■ 68.8178, -8.7782,
11.9918

■ 23.1308, 35.7958,
-75.1475

■ 74.9635, -12.8709,
18.1879

■ 20.2851, 40.8730,
-89.4415

■ 81.2304, -16.8992,
24.1222

■ 18.3001, 44.3997,
-101.7384

■ 87.6083, -20.8803,
29.8488

■ 17.7532, 45.5003,
-105.5616

■ 94.0885, -24.8277,
35.4098

■ 96.4496, -22.6229,
37.4452

Harmonies

Analogous

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



45.7596, -1.7905, -21.3413



45.7587, 8.7746, -17.1580



45.7596, 16.8796, -7.6013

Triad

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



45.7596, 8.7738, -17.1570



45.7596, 7.5445, 16.4633



45.7596, -21.0308, 1.8665

Complementary

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



45.7587, 8.7746, -17.1580



58.8896, -12.7205, 18.1737

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.



45.7596, -19.0130, 10.7054



45.7587, 8.7746, -17.1580



45.7596, -3.0940, 17.9027

Square

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



45.7596, 8.7738, -17.1570



45.7596, 16.1258, 11.5580



45.7596, -12.6757, 16.0553



45.7596, -18.4560, -8.9219

Rectangle

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



45.7587, 8.7746, -17.1580



45.7596, 19.4526, -0.3387



45.7596, -12.6757, 16.0553



45.7596, -20.8679, 5.1504

Sweetspot

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



45.7596, 8.7738, -17.1570



75.6919, 0.3673, -3.2902



54.4953, -10.3380, -4.8138



34.8671, 0.5724, -2.2051



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



45.7596, 8.7738, -17.1570



57.5166, 15.5721, -30.0038



47.7653, 15.1309, -13.8989



26.3468, 0.3610, -1.5438



15.6086, 39.8966, -91.9775



2.6829, 6.2041, -10.7432

Inverse Universe

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



48.6068, 16.9434, -6.5138



62.2995, 28.7954, -11.4158



57.2639, -18.7286, 16.5590



26.7802, 1.7140, -0.0827



26.7507, 49.9399, -14.7175



3.9652, 7.5488, -3.3160

Previews

White Background



This preview shows how the HunterLab color 45.7587, 8.7746, -17.1580 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 45.7587, 8.7746, -17.1580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

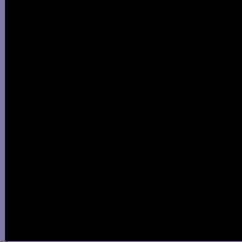
Any Text WCAG AA ✓ Pass

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 45.7587, 8.7746, -17.1580 Background



This preview shows how black text looks on a background with the HunterLab color 45.7587, 8.7746, -17.1580.



This preview shows how white text looks on a background with the HunterLab color 45.7587, 8.7746, -17.1580.

-17.1580.

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

45.7587, 8.7746, -17.1580

Protanopia

45.8636, 2.4359, -18.9583

Deuteranopia

45.8057, 3.3360, -16.5671



Tritanopia

45.6641, -0.5171, -1.6324

Trichromacy



Original Color

45.7587, 8.7746, -17.1580

Protanomaly

45.7298, 4.7211, -18.5129

Deuteranomaly

45.8489, 4.8788, -16.4712

Tritanomaly

45.6404, 2.9386, -7.1522

Monochromacy



Original Color

45.7587, 8.7746, -17.1580

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

46.1058, 1.3704, -3.9710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 45.7587, 8.7746, -17.1580 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(131, 120, 164)` looks like.

```
.text, #text, p{  
    color:rgb(131, 120, 164)  
}
```

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(131, 120, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 120, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 45.7587, 8.7746, -17.1580 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(131, 120, 164) }
```


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

```
.border{ border-color:rgb(131, 120, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 120, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 120, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 120, 164);  
box-shadow:4px 4px 4px 4px rgb(131, 120,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 45.7587, 8.7746, -17.1580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 120, 164) }
```

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

```
.background{ background-color: rgb(131,  
120, 164) }
```

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