

# Converting Colors

HunterLab(45.2611, -6.3756,  
4.1813)

Have a look what the booklet for  
HunterLab(45.2611, -6.3756, 4.1813)  
contains.

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# Color

**HunterLab(45.3880, -6.6476,  
4.2218)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	758079
RGB	117, 128, 121
RGB Percent	46%, 50%, 47%
CMY	0.5412, 0.4980, 0.5255
CMYK	0.09, 0.00, 0.05, 0.50
HSL	142°, 4%, 48%
HSV	142°, 9%, 50%
XYZ	18.5065, 20.6007, 21.0901
YIQ	123.9130, -4.3090, -4.5090

# Conversions

## Conversions Part 2

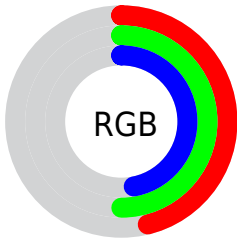
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 125, 128
Decimal	7700601
CIE <sub>Lab</sub>	52.51, -5.50, 2.40
CIE <sub>LCh</sub>	53, 6.003, 156.409
Yxy	20.6016, 0.3074, 0.3422
Android (android.graphics.Color)	4285890681 (0xFF758079)
YUV	123.9130, -1.4361, -6.0627
Hunter-Lab	45.3880, -6.6476, 4.2218

# Details

The HunterLab color  $45.3880, -6.6476, 4.2218$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $43.3215, 2.0712, 0.6318$ , and the grayscale version is  $44.8685, -2.3941, 2.4378$ .

A 20% lighter version of the original color is  $66.7082, -8.5585, 5.8168$ , and  $27.0891, -4.8860, 2.8106$  is the 20% darker color. If you saturate the color by 10%, you get  $44.2529, -11.1932, 6.1986$ , and if you desaturate by 10%, it is  $46.6456, -1.7766, 2.2476$ .

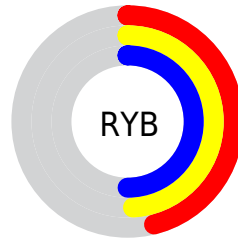
# Distribution



Red (46%)

Green (50%)

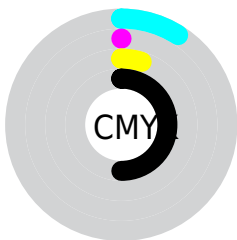
Blue (47%)



Red (46%)

Yellow (49%)

Blue (50%)

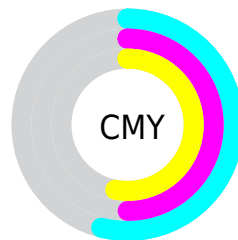


Cyan (9%)

Magenta (0%)

Yellow (5%)

Black (50%)



Cyan (54%)

Magenta (50%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 45.3880, -6.6476, 4.2218 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 45.3880, -6.6476, 4.2218 by changing the saturation by 10% instead.



■ 45.3880, -6.6476,  
4.2218

■ 45.3880, -6.6476,  
4.2218

159.7352,  
-15.0257, 11.3906

■ 35.8233, -5.8047,  
3.5632

■ 66.6510, -8.3817,  
5.6284

■ 27.0439, -4.9717,  
2.9338

■ 78.2596, -9.2743,  
6.3737

■ 19.1287, -4.1428,  
2.3338

■ 90.4736, -10.1854,  
7.1461

■ 12.1850, -3.3049,  
1.7612

103.2641,  
-11.1154, 7.9449

■ 5.2721, -4.8288,  
2.1760

116.6062,  
-12.0644, 8.7695

0.0000, NaN, NaN

130.4782,

0.0000, NaN, NaN

-13.0325, 9.6190

0.0000, NaN, NaN

144.8603,  
-14.0196, 10.4929

0.0000, NaN, NaN

■ 45.3880, -6.6476,  
4.2218

■ 45.3880, -6.6476,  
4.2218

■ 44.2529, -11.1932,  
6.1986

■ 46.6456, -1.7766,  
2.2476

■ 43.2407, -15.3673,  
8.1584

■ 48.0186, 3.3795,  
0.2891

■ 42.3547, -19.1306,  
10.0823

■ 49.5030, 8.7776,  
-1.6407

■ 41.5956, -22.4484,  
11.9492

■ 51.0935, 14.3789,  
-3.5318

■ 40.9624, -25.2941,  
13.7374

■ 52.7848, 20.1481,  
-5.3771

■ 40.4521, -27.6530,  
15.4257

■ 54.5711, 26.0539,  
-7.1714

■ 40.0593, -29.5245,  
16.9939

■ 56.4471, 32.0695,  
-8.9113

■ 39.7759, -30.9255,  
18.4240

■ 58.4075, 38.1719,  
-10.5953

■ 39.5746, -31.9584,  
19.6881

■ 60.4470, 44.3420,  
-12.2231

# Harmonies

## Analogous

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



45.3890, -5.1784, 5.9211



45.3880, -6.6476, 4.2218



45.3890, -6.9977, 1.9691

# Triad

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



45.3890, -6.6486, 4.2225



45.3890, -1.8988, -2.1971



45.3890, 1.4176, 5.0432

# Complementary

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



45.3880, -6.6476, 4.2218



43.3215, 2.0712, 0.6318

# 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.



45.3890, 2.3378, 2.9665



45.3880, -6.6476, 4.2218



45.3890, 0.3971, -1.2740

# Square

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



45.3890, -6.6486, 4.2225



45.3890, -4.2886, -1.8173



45.3890, 1.9604, 0.6461



45.3890, -0.5294, 6.3772



# Rectangle

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



45.3880, -6.6476, 4.2218



45.3890, -6.5545, 0.4383



45.3890, 1.9604, 0.6461



45.3890, 1.8591, 4.4132

# Sweetspot

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



45.3890, -6.6486, 4.2225



61.1270, -5.2993, 4.1530



45.8475, -5.2291, 6.3951



29.5179, -2.7945, 2.1027



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



45.3890, -6.6486, 4.2225



59.9675, -9.8388, 6.0318



45.5374, -5.8229, 2.1025



22.0059, -3.3418, 2.0978



39.3806, -31.9551, 19.7596

0.0000, NaN, NaN



# Inverse Universe

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



43.3215, 2.0712, 0.6318



56.7087, 3.9080, 0.3728



43.1691, 1.2506, 2.8029



20.9444, 1.1350, 0.2545



22.6865, 41.4794, -5.7135

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 45.3880, -6.6476, 4.2218 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

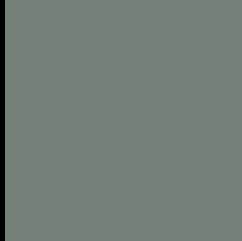
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 45.3880, -6.6476, 4.2218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

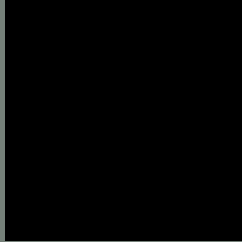
Any Text WCAG AA ✓ Pass

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 45.3880, -6.6476, 4.2218 Background



This preview shows how black text looks on a background with the HunterLab color 45.3880, -6.6476, 4.2218.



This preview shows how white text looks on a background with the HunterLab color 45.3880, -6.6476, 4.2218.



# 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

45.3880, -6.6476, 4.2218

### Protanopia

45.4602, -2.1376, 5.2127

### Deuteranopia

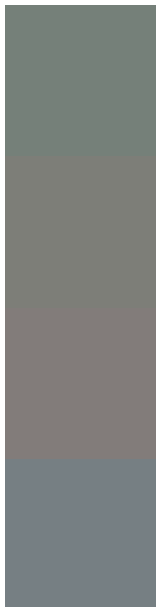
45.2583, 2.9577, 3.8189



## Tritanopia

45.4106, -2.7686, -2.4784

# Trichromacy



## Original Color

45.3880, -6.6476, 4.2218

## Protanomaly

45.4288, -3.6330, 4.7383

## Deuteranomaly

45.3501, -0.9312, 3.8561

## Tritanomaly

45.4632, -4.3440, -0.0652

# Monochromacy



## Original Color

45.3880, -6.6476, 4.2218

## Achromatopsia

44.8950, -2.3955, 2.4392

## Achromatomaly

44.9024, -3.8679, 2.8577

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 45.3880, -6.6476, 4.2218 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(117, 128, 121)` looks like.

```
.text, #text, p{  
    color:rgb(117, 128, 121)  
}
```

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(117, 128, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 128, 121) }
```

## Border

The CSS property to change the border of an element to HunterLab 45.3880, -6.6476, 4.2218 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(117, 128, 121) }
```



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

```
.border{ border-color:rgb(117, 128, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 128, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 128, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 128, 121);  
box-shadow:4px 4px 4px 4px rgb(117, 128,  
121) }
```

# Background

The CSS property to change the background color of an element to HunterLab 45.3880, -6.6476, 4.2218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 128, 121) }
```

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

```
.background{ background-color: rgb(117,  
128, 121) }
```

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](#).

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