

# Converting Colors

HunterLab(46.0712, -5.4198,  
2.8432)

Have a look what the booklet for  
HunterLab(46.0712, -5.4198, 2.8432)  
contains.

<b>HunterLab(46.0434, -5.5142, 2.8577)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

HunterLab(46.0434, -5.5142,  
2.8577)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	78817E
RGB	120, 129, 126
RGB Percent	47%, 51%, 49%
CMY	0.5294, 0.4941, 0.5059
CMYK	0.07, 0.00, 0.02, 0.49
HSL	160°, 4%, 49%
HSV	160°, 7%, 51%
XYZ	19.3619, 21.1999, 22.8102
YIQ	125.9670, -4.4010, -2.8410

# Conversions

## Conversions Part 2

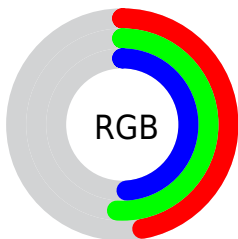
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 125, 129
Decimal	7897470
CIE Lab	53.17, -3.94, 0.47
CIE LCh	53, 3.968, 173.157
Yxy	21.2008, 0.3055, 0.3345
Android (android.graphics.Color)	4286087550 (0xFF78817E)
YUV	125.9670, 0.0163, -5.2331
Hunter-Lab	46.0434, -5.5142, 2.8577

# Details

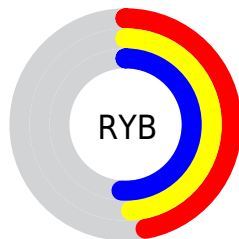
The HunterLab color  $46.0434, -5.5142, 2.8577$  is a dark color, and the websafe version is hex  $666666$ . A complement of this color would be  $44.1935, 0.7994, 2.1045$ , and the grayscale version is  $45.6659, -2.4366, 2.4811$ .

A 20% lighter version of the original color is  $67.4398, -7.1769, 3.9364$ , and  $27.6602, -4.0020, 1.9240$  is the 20% darker color. If you saturate the color by 10%, you get  $44.9789, -9.5798, 3.4061$ , and if you desaturate by 10%, it is  $47.2225, -1.1523, 2.4281$ .

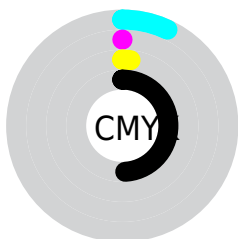
# Distribution



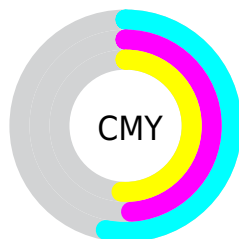
- Red (47%)
- Green (51%)
- Blue (49%)



- Red (47%)
- Yellow (49%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (2%)
- Black (49%)



- Cyan (53%)
- Magenta (49%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.0434, -5.5142, 2.8577 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 46.0434, -5.5142, 2.8577 by changing the saturation by 10% instead.



■ 46.0434, -5.5142,  
2.8577

■ 46.0434, -5.5142,  
2.8577

160.7308,  
-13.2554, 9.2843

■ 36.4292, -4.7658,  
2.3084

■ 67.3955, -7.0797,  
4.0686

■ 27.5959, -4.0365,  
1.7985

■ 79.0450, -7.8957,  
4.7247

■ 19.6210, -3.3243,  
1.3322

■ 91.2977, -8.7341,  
5.4126

■ 12.6092, -2.6220,  
0.9138

104.1252, -9.5949,  
6.1307

■ 5.9227, -3.2147,  
0.6532

117.5029,  
-10.4778, 6.8780

0.0000, NaN, NaN

131.4090,

0.0000, NaN, NaN

-11.3824, 7.6534

0.0000, NaN, NaN

145.8241,  
-12.3083, 8.4558

0.0000, NaN, NaN

■ 46.0434, -5.5142,  
2.8577

■ 46.0434, -5.5142,  
2.8577

■ 44.9789, -9.5798,  
3.4061

■ 47.2225, -1.1523,  
2.4281

■ 44.0288, -13.3123,  
4.0690

■ 48.5101, 3.4736,  
2.1151

■ 43.1953, -16.6813,  
4.8422

■ 49.9031, 8.3279,  
1.9174

■ 42.4787, -19.6609,  
5.7185

■ 51.3970, 13.3777,  
1.8317

■ 41.8775, -22.2325,  
6.6874

■ 52.9873, 18.5924,  
1.8531

■ 41.3885, -24.3869,  
7.7362

■ 54.6690, 23.9446,  
1.9763

■ 41.0064, -26.1270,  
8.8494

■ 56.4373, 29.4101,  
2.1954

■ 40.7236, -27.4696,  
10.0093

■ 58.2875, 34.9677,  
2.5042

■ 40.5207, -28.4835,  
11.1875

■ 60.2149, 40.5995,  
2.8964

# Harmonies

## Analogous

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



46.0444, -4.9288, 4.2501



46.0434, -5.5142, 2.8577



46.0444, -5.2919, 1.3242

# Triad

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



46.0444, -5.5152, 2.8584



46.0444, -1.2263, -0.3058



46.0444, -0.5742, 4.8180

# Complementary

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



46.0434, -5.5142, 2.8577



44.1935, 0.7994, 2.1045

# 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.



46.0444, 0.4435, 3.6579



46.0434, -5.5142, 2.8577



46.0444, 0.0634, 0.6916

# Square

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



46.0444, -5.5152, 2.8584



46.0444, -2.8303, -0.5378



46.0444, 0.6785, 2.1514



46.0444, -2.0871, 5.3558



# Rectangle

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



46.0434, -5.5142, 2.8577



46.0444, -4.7124, 0.4304



46.0444, 0.6785, 2.1514



46.0444, -0.1620, 4.4898

# Sweetspot

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



46.0444, -5.5152, 2.8584



62.3739, -4.5482, 3.5214



46.1298, -5.5385, 5.4889



29.6858, -2.1232, 1.6713



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.



46.0444, -5.5152, 2.8584



61.4345, -8.0601, 3.9053



45.7451, -4.4223, 1.1906



22.0528, -3.0803, 1.4270



39.9547, -28.4035, 11.3750

0.0000, NaN, NaN



# Inverse Universe

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



44.1935, 0.7994, 2.1045



58.5324, 1.8423, 2.7238



44.4789, -0.2879, 3.7159



20.8952, 0.8702, 0.9559



21.7288, 37.9978, 7.9438

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 46.0434, -5.5142, 2.8577 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

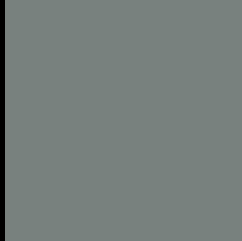
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 46.0434, -5.5142, 2.8577 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

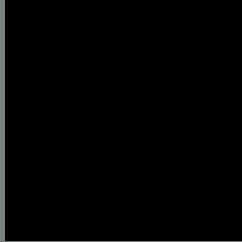
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

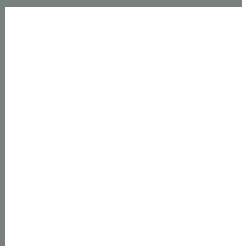
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 46.0434, -5.5142, 2.8577 Background



This preview shows how black text looks on a background with the HunterLab color 46.0434, -5.5142, 2.8577.



This preview shows how white text looks on a background with the HunterLab color 46.0434, -5.5142,



# 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

46.0434, -5.5142, 2.8577

### Protanopia

45.9595, -1.5680, 3.6929

### Deuteranopia

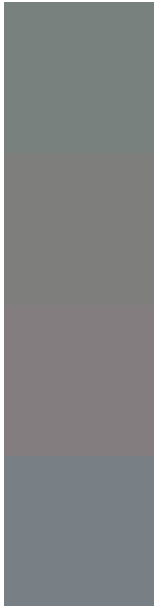
46.0295, 3.0614, 2.5537



## Tritanopia

45.9592, -2.2430, -2.2511

# Trichromacy



## Original Color

46.0434, -5.5142, 2.8577

## Protanomaly

45.9293, -3.0554, 3.2019

## Deuteranomaly

45.9403, -0.0433, 2.3941

## Tritanomaly

46.0399, -3.6567, -0.2710

# Monochromacy



## Original Color

46.0434, -5.5142, 2.8577

## Achromatopsia

45.6768, -2.4372, 2.4817

## Achromatomaly

45.7932, -3.4753, 2.6004

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 46.0434, -5.5142, 2.8577 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(120, 129, 126)` looks like.

```
.text, #text, p{  
    color:rgb(120, 129, 126)  
}
```

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(120, 129, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 129, 126) }
```

## Border

The CSS property to change the border of an element to HunterLab 46.0434, -5.5142, 2.8577 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(120, 129, 126) }
```



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

```
.border{ border-color:rgb(120, 129, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 129, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 129, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 129, 126); box-shadow:4px 4px 4px 4px rgb(120, 129, 126) }
```

# Background

The CSS property to change the background color of an element to HunterLab 46.0434, -5.5142, 2.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 129, 126) }
```

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

```
.background{ background-color: rgb(120,  
129, 126) }
```

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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