

Converting Colors

HunterLab(42.8586, -15.9530,
7.1222)

Have a look what the booklet for
HunterLab(42.8586, -15.9530,
7.1222) contains.

HunterLab(43.0177, -16.1463, 7.4310)	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(43.0177,
-16.1463, 7.4310)**

Conversions

Conversions Part 1

Format	Color
Hex	57806A
RGB	87, 128, 106
RGB Percent	34%, 50%, 42%
CMY	0.6588, 0.4980, 0.5843
CMYK	0.32, 0.00, 0.17, 0.50
HSL	148°, 19%, 42%
HSV	148°, 32%, 50%
XYZ	14.2512, 18.5052, 16.4564
YIQ	113.2330, -17.3740, -15.5340

Conversions

Conversions Part 2

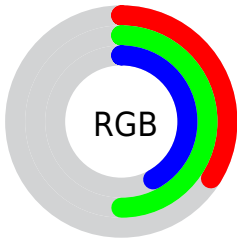
Format	Color
RYB	87, 115, 128
Decimal	5734506
CIELab	50.10, -19.30, 7.44
CIElCh	50, 20.684, 158.925
Yxy	18.5060, 0.2896, 0.3760
Android (android.graphics.Color)	4283924586 (0xFF57806A)
YUV	113.2330, -3.5659, -23.0063
Hunter-Lab	43.0177, -16.1463, 7.4310

Details

The HunterLab color $43.0177, -16.1463, 7.4310$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $35.3697, 14.1630, -2.2113$, and the grayscale version is $40.7448, -2.1740, 2.2137$.

A 20% lighter version of the original color is $63.9416, -19.5210, 9.4811$, and $25.1775, -12.7094, 5.5480$ is the 20% darker color. If you saturate the color by 10%, you get $42.1975, -19.6261, 9.0258$, and if you desaturate by 10%, it is $43.9618, -12.2664, 5.8561$.

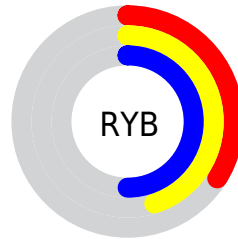
Distribution



Red (34%)

Green (50%)

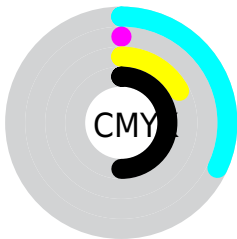
Blue (42%)



Red (34%)

Yellow (45%)

Blue (50%)

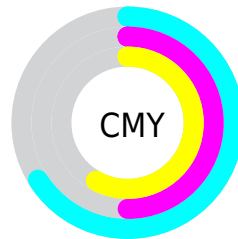


Cyan (32%)

Magenta (0%)

Yellow (17%)

Black (50%)



Cyan (66%)

Magenta (50%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.0177, -16.1463, 7.4310 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 43.0177, -16.1463, 7.4310 by changing the saturation by 10% instead.

43.0177, -16.1463,
7.4310

43.0177, -16.1463,
7.4310

156.1114,
-30.4820, 16.6239

33.6361, -14.3985,
6.4645

63.9513, -19.4775,
9.3806

25.0567, -12.5604,
5.4929

75.4095, -21.0902,
10.3705

17.3640, -10.5850,
4.5023

87.4806, -22.6807,
11.3738

10.6752, -8.7823,
3.5962

100.1347,
-24.2556, 12.3918

1.0738, -1.8792,
0.7517

113.3462,
-25.8198, 13.4252

0.0000, NaN, NaN

127.0926,

0.0000, NaN, NaN

-27.3770, 14.4749

0.0000, NaN, NaN

141.3536,
-28.9303, 15.5410

0.0000, NaN, NaN

■ 43.0177, -16.1463,
7.4310

■ 43.0177, -16.1463,
7.4310

■ 42.1975, -19.6261,
9.0258

■ 43.9618, -12.2664,
5.8561

■ 41.4985, -22.6747,
10.6216

■ 45.0257, -8.0195,
4.3150

■ 40.9198, -25.2728,
12.2000

■ 46.2076, -3.4450,
2.8211

■ 40.4576, -27.4120,
13.7415

■ 47.5039, 1.4169,
1.3850

■ 40.1057, -29.0982,
15.2263

■ 48.9104, 6.5268,
0.0146

■ 39.8549, -30.3543,
16.6348

■ 50.4221, 11.8471,
-1.2845

■ 39.6965, -31.1704,
17.6708

■ 52.0341, 17.3433,
-2.5090

■ 53.7411, 22.9845,
-3.6572

■ 55.5378, 28.7436,
-4.7292

Harmonies

Analogous

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



43.0186, -11.8356, 12.5219



43.0177, -16.1463, 7.4310



43.0186, -16.9005, -0.0707

Triad

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



43.0186, -16.1470, 7.4315



43.0186, 0.1961, -15.4332



43.0186, 10.7792, 10.7994

Complementary

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



43.0177, -16.1463, 7.4310



35.3697, 14.1630, -2.2113

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.



43.0186, 14.5573, 4.6219



43.0177, -16.1463, 7.4310



43.0186, 8.1512, -11.1602

Square

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



43.0186, -16.1470, 7.4315



43.0186, -7.8653, -14.2910



43.0186, 13.5609, -3.4579



43.0186, 3.5683, 14.1959

Rectangle

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



43.0177, -16.1463, 7.4310



43.0186, -15.3442, -5.6320



43.0186, 13.5609, -3.4579



43.0186, 12.5166, 9.0314

Sweetspot

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



43.0186, -16.1470, 7.4315



60.0142, -9.5777, 5.3632



44.0608, -13.0376, 14.7881



28.9525, -4.9727, 2.7100



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.



43.0186, -16.1470, 7.4315



56.3169, -24.6436, 11.3067



43.5551, -13.0552, -0.2378



22.0212, -3.2566, 1.8792



39.5283, -31.0359, 17.5906

0.0000, NaN, NaN

Inverse Universe

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



35.3697, 14.1630, -2.2113



44.1899, 23.5898, -3.8915



34.8254, 11.4085, 5.5492



20.9280, 1.0468, 0.4881



22.3002, 40.0841, -0.2752

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 43.0177, -16.1463, 7.4310 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 43.0177, -16.1463, 7.4310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

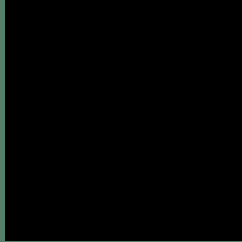
Any Text WCAG AA ✓ Pass

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 43.0177, -16.1463, 7.4310 Background



This preview shows how black text looks on a background with the HunterLab color 43.0177, -16.1463, 7.4310.



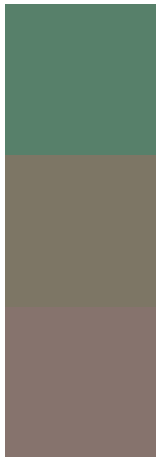
This preview shows how white text looks on a background with the HunterLab color 43.0177,

-16.1463, 7.4310.

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

43.0177, -16.1463, 7.4310

Protanopia

42.7275, -2.5635, 9.1992

Deuteranopia

42.9347, 2.7027, 6.5242



Tritanopia

42.9694, -8.6270, -4.7943

Trichromacy



Original Color

43.0177, -16.1463, 7.4310

Protanomaly

42.7526, -8.1675, 8.4054

Deuteranomaly

42.7756, -4.9216, 6.6073

Tritanomaly

42.8329, -11.2551, -0.1989

Monochromacy



Original Color

43.0177, -16.1463, 7.4310

Achromatopsia

40.6365, -2.1683, 2.2079

Achromatomaly

41.2622, -7.3111, 4.1006

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 43.0177, -16.1463, 7.4310 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(87, 128, 106)` looks like.

```
.text, #text, p{  
    color:rgb(87, 128, 106)  
}
```

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(87, 128, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 128, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 43.0177, -16.1463, 7.4310 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(87, 128, 106) }
```


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

```
.border{ border-color:rgb(87, 128, 106) }
```

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

Here you see how a box with a 4 pixel rgb(87, 128, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 128, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 128, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 128,  
106) }
```

Background

The CSS property to change the background color of an element to HunterLab 43.0177, -16.1463, 7.4310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 128, 106) }
```

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

```
.background{ background-color: rgb(87, 128,  
106) }
```

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