

Converting Colors

HunterLab(46.8782, -17.6845,
15.5677)

Have a look what the booklet for
HunterLab(46.8782, -17.6845,
15.5677) contains.

HunterLab(46.8727, -17.7072, 15.4734)	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(46.8727,
-17.7072, 15.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	698A5D
RGB	105, 138, 93
RGB Percent	41%, 54%, 36%
CMY	0.5882, 0.4588, 0.6353
CMYK	0.24, 0.00, 0.33, 0.46
HSL	104°, 19%, 45%
HSV	104°, 33%, 54%
XYZ	16.8899, 21.9705, 13.7064
YIQ	123.0030, -5.2230, -20.9910

Conversions

Conversions Part 2

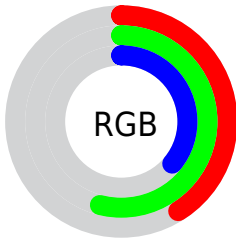
Format	Color
R_{YB}	93, 138, 126
Decimal	6916701
CIE _{Lab}	54.00, -20.60, 20.45
CIE _{LCh}	54, 29.028, 135.216
Yxy	21.9714, 0.3213, 0.4180
Android (android.graphics.Color)	4285106781 (0xFF698A5D)
YUV	123.0030, -14.7915, -15.7886
Hunter-Lab	46.8727, -17.7072, 15.4734

Details

The HunterLab color $46.8727, -17.7072, 15.4734$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $37.5499, 15.6085, -14.5564$, and the grayscale version is $44.5642, -2.3778, 2.4213$.

A 20% lighter version of the original color is $68.4697, -21.3081, 18.9696$, and $28.3151, -14.1621, 11.7874$ is the 20% darker color. If you saturate the color by 10%, you get $46.0127, -21.5004, 18.3953$, and if you desaturate by 10%, it is $47.8417, -13.5100, 12.0725$.

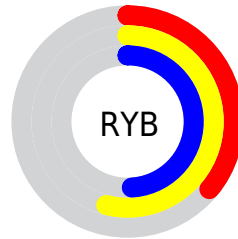
Distribution



Red (41%)

Green (54%)

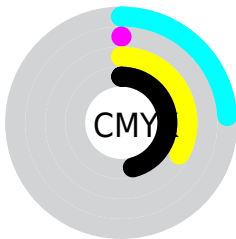
Blue (36%)



Red (36%)

Yellow (54%)

Blue (49%)

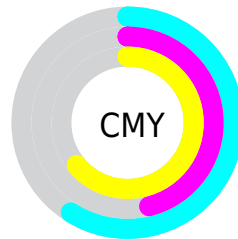


Cyan (24%)

Magenta (0%)

Yellow (33%)

Black (46%)



Cyan (59%)

Magenta (46%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8727, -17.7072, 15.4734 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 46.8727, -17.7072, 15.4734 by changing the saturation by 10% instead.

■ 46.8727, -17.7072,
15.4734

■ 46.8727, -17.7072,
15.4734

161.9868,
-32.5546, 30.3909

■ 37.1967, -15.9002,
13.6355

■ 68.3365, -21.1594,
18.9632

■ 28.2960, -14.0059,
11.6999

■ 80.0371, -22.8315,
20.6468

■ 20.2465, -11.9835,
9.6222

■ 92.3384, -24.4803,
22.3037

■ 13.1499, -9.7583,
8.0436

■ 105.2124,
-26.1123, 23.9412

■ 6.6518, -11.6406,
4.6562

118.6346,
-27.7323, 25.5649

0.0000, NaN, NaN

0.0000, NaN, NaN

132.5836,

-29.3441, 27.1789

0.0000, NaN, NaN

147.0400,
-30.9507, 28.7867

0.0000, NaN, NaN

■ 46.8727, -17.7072,
15.4734

■ 46.8727, -17.7072,
15.4734

■ 46.0127, -21.5004,
18.3953

■ 47.8417, -13.5100,
12.0725

■ 45.2595, -24.8600,
20.8221

■ 48.9150, -8.9372,
8.2136

■ 44.6133, -27.7673,
22.7493

■ 50.0912, -4.0237,
3.9250

■ 44.0726, -30.2113,
24.1842

■ 51.3674, 1.1951,
-0.7620

■ 43.6338, -32.1921,
25.1492

■ 52.7399, 6.6840,
-5.8141

■ 43.2918, -33.7231,
25.6847

■ 54.2050, 12.4093,
-11.1977

■ 43.0899, -34.6261,
25.9456

■ 55.7586, 18.3393,
-16.8799

■ 57.3966, 24.4448,
-22.8292

■ 59.1148, 30.6995,
-29.0162

Harmonies

Analogous

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



46.8737, -8.3772, 19.1093



46.8727, -17.7072, 15.4734



46.8737, -22.6968, 7.7882

Triad

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



46.8737, -17.7082, 15.4739



46.8737, -8.2180, -23.8515



46.8737, 21.7652, 7.9282

Complementary

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



46.8727, -17.7072, 15.4734



37.5499, 15.6085, -14.5564

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.



46.8737, 21.8188, -3.3692



46.8727, -17.7072, 15.4734



46.8737, 3.6744, -23.7866

Square

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



46.8737, -17.7082, 15.4739



46.8737, -17.6017, -15.7429



46.8737, 14.9261, -15.5832



46.8737, 14.7863, 15.5542

Rectangle

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



46.8727, -17.7072, 15.4734



46.8737, -23.2419, 0.5225



46.8737, 14.9261, -15.5832



46.8737, 22.6150, 4.4936

Sweetspot

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



46.8737, -17.7082, 15.4739



65.3026, -10.3420, 9.5912



45.9524, -3.0432, 14.9003



30.8401, -5.2640, 4.8586



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.



46.8737, -17.7082, 15.4739



61.3907, -27.2033, 23.4108



46.3621, -19.2363, 11.6519



23.8087, -3.5127, 3.2727



41.2666, -33.1218, 24.8484



3.4567, -2.3117, 2.0895

Inverse Universe

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



37.5499, 15.6085, -14.5564



46.4913, 26.2493, -24.9436



38.4421, 17.5132, -7.2389



22.5012, 1.1280, -0.8863



20.5846, 43.4246, -50.0542



1.8791, 3.8128, -3.3961

Previews

White Background



This preview shows how the HunterLab color 46.8727, -17.7072, 15.4734 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 46.8727, -17.7072, 15.4734 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 46.8727, -17.7072, 15.4734 Background



This preview shows how black text looks on a background with the HunterLab color 46.8727, -17.7072, 15.4734.



This preview shows how white text looks on a background with the HunterLab color 46.8727,

-17.7072, 15.4734.

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

46.8727, -17.7072, 15.4734

Protanopia

46.8089, -4.5007, 16.7934

Deuteranopia

46.5681, 3.3829, 14.6647



Tritanopia

46.8681, -6.0622, -3.6000

Trichromacy



Original Color

46.8727, -17.7072, 15.4734

Protanomaly

46.6398, -9.4803, 16.2768

Deuteranomaly

46.2768, -4.7025, 14.5623

Tritanomaly

46.7123, -10.6956, 4.3935

Monochromacy



Original Color

46.8727, -17.7072, 15.4734

Achromatopsia

44.5050, -2.3747, 2.4180

Achromatomaly

45.0790, -8.2223, 7.4718

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8727, -17.7072, 15.4734 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(105, 138, 93)` looks like.

```
.text, #text, p{  
    color:rgb(105, 138, 93)  
}
```

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(105, 138, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 138, 93) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8727, -17.7072, 15.4734 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(105, 138, 93) }
```


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

```
.border{ border-color:rgb(105, 138, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 138, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 138, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 138, 93);  
box-shadow:4px 4px 4px 4px rgb(105, 138,  
93) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8727, -17.7072, 15.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 138, 93) }
```

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

```
.background{ background-color: rgb(105,  
138, 93) }
```

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