

Converting Colors

HunterLab(46.8643, -17.5132,
1.4035)

Have a look what the booklet for
HunterLab(46.8643, -17.5132,
1.4035) contains.

HunterLab(46.8433, -17.5898, 1.3784)	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(46.8433,
-17.5898, 1.3784)**

Conversions

Conversions Part 1

Format	Color
Hex	538B83
RGB	83, 139, 131
RGB Percent	33%, 55%, 51%
CMY	0.6745, 0.4549, 0.4863
CMYK	0.40, 0.00, 0.06, 0.45
HSL	171°, 25%, 44%
HSV	171°, 40%, 55%
XYZ	16.8966, 21.9429, 24.8176
YIQ	121.3440, -30.8080, -14.3600

Conversions

Conversions Part 2

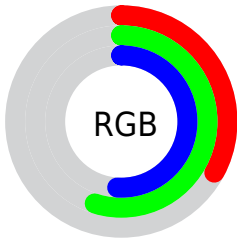
Format	Color
RYB	83, 113, 139
Decimal	5475203
CIELab	53.97, -20.44, -1.54
CIElCh	54, 20.497, 184.301
Yxy	21.9438, 0.2654, 0.3447
Android (android.graphics.Color)	4283665283 (0xFF538B83)
YUV	121.3440, 4.7604, -33.6277
Hunter-Lab	46.8433, -17.5898, 1.3784

Details

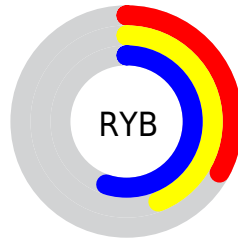
The HunterLab color $46.8433, -17.5898, 1.3784$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $35.2582, 17.4263, 5.3860$, and the grayscale version is $43.8519, -2.3398, 2.3826$.

A 20% lighter version of the original color is $68.3751, -21.2019, 2.4392$, and $28.3642, -14.0153, 0.5463$ is the 20% darker color. If you saturate the color by 10%, you get $46.1739, -20.2737, 1.4221$, and if you desaturate by 10%, it is $47.6394, -14.4818, 1.4903$.

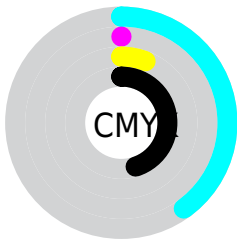
Distribution



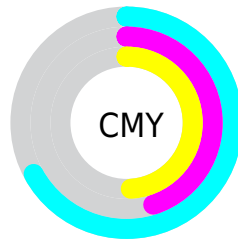
- Red (33%)
- Green (55%)
- Blue (51%)



- Red (33%)
- Yellow (44%)
- Blue (55%)



- Cyan (40%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (67%)
- Magenta (45%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.8433, -17.5898, 1.3784 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 46.8433, -17.5898, 1.3784 by changing the saturation by 10% instead.

■ 46.8433, -17.5898,
1.3784

■ 46.8433, -17.5898,
1.3784

161.9422,
-32.3652, 7.0572

■ 37.1694, -15.7930,
0.9370

■ 68.3031, -21.0225,
2.3940

■ 28.2711, -13.9104,
0.5444

■ 80.0019, -22.6860,
2.9605

■ 20.2242, -11.9012,
0.2075

■ 92.3015, -24.3266,
3.5632

■ 13.1306, -9.6913,
-0.0646

■ 105.1738,
-25.9509, 4.1999

■ 6.6273, -11.5978,
-0.6007

■ 118.5945,
-27.5635, 4.8690

0.0000, NaN, NaN

0.0000, NaN, NaN

132.5419,

-29.1682, 5.5691

0.0000, NaN, NaN

146.9969,
-30.7680, 6.2989

0.0000, NaN, NaN

■ 46.8433, -17.5898,
1.3784

■ 46.8433, -17.5898,
1.3784

■ 46.1739, -20.2737,
1.4221

■ 47.6394, -14.4818,
1.4903

■ 45.6256, -22.5212,
1.6152

■ 48.5605, -10.9680,
1.7565

■ 45.1945, -24.3334,
1.9505

■ 49.6071, -7.0761,
2.1755

■ 44.8732, -25.7241,
2.4163

■ 50.7773, -2.8378,
2.7423

■ 44.6516, -26.7229,
2.9966

■ 52.0684, 1.7121,
3.4503

■ 44.4987, -27.4448,
3.6259

■ 53.4765, 6.5380,
4.2910

■ 54.9974, 11.6048,
5.2553

■ 56.6264, 16.8791,
6.3336

■ 58.3584, 22.3300,
7.5161

Harmonies

Analogous

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



46.8442, -16.2275, 8.7539



46.8433, -17.5898, 1.3784



46.8442, -15.1507, -6.9953

Triad

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



46.8442, -17.5903, 1.3790



46.8442, 6.9840, -12.0550



46.8442, 4.7340, 14.4218

Complementary

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



46.8433, -17.5898, 1.3784



35.2582, 17.4263, 5.3860

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.



46.8442, 11.6498, 10.4314



46.8433, -17.5898, 1.3784



46.8442, 13.0119, -4.6393

Square

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



46.8442, -17.5903, 1.3790



46.8442, -1.2806, -15.5729



46.8442, 14.7765, 3.6912



46.8442, -3.7111, 15.4639

Rectangle

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



46.8433, -17.5898, 1.3784



46.8442, -11.5876, -11.7750



46.8442, 14.7765, 3.6912



46.8442, 7.3336, 13.4202

Sweetspot

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



46.8442, -17.5903, 1.3790



66.0941, -10.5352, 2.7846



46.1901, -22.2915, 17.5667



31.6501, -5.3408, 1.3042



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



46.8442, -17.5903, 1.3790



61.8921, -26.7151, 1.8847



41.2225, -7.7381, -9.8677



23.8255, -3.1662, 1.0696



42.2762, -26.0591, 3.4125



3.4683, -1.9880, -0.0435

Inverse Universe

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



35.2582, 17.4263, 5.3860



43.4897, 29.4356, 8.5139



39.6678, 7.1697, 12.3362



22.4933, 0.7922, 1.4983



22.3627, 38.5061, 12.8268



1.8576, 3.2672, 0.5340

Previews

White Background



This preview shows how the HunterLab color 46.8433, -17.5898, 1.3784 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 46.8433, -17.5898, 1.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

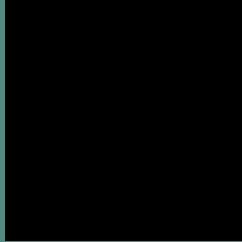
Any Text WCAG AA ✓ Pass

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 46.8433, -17.5898, 1.3784 Background



This preview shows how black text looks on a background with the HunterLab color 46.8433, -17.5898, 1.3784.



This preview shows how white text looks on a background with the HunterLab color 46.8433, -17.5898, 1.3784.

-17.5898, 1.3784.

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

46.8433, -17.5898, 1.3784

Protanopia

46.7167, -1.7578, 4.1320

Deuteranopia

46.6816, 2.8811, 0.1694



Tritanopia

46.9635, -12.9296, -6.6583

Trichromacy



Original Color

46.8433, -17.5898, 1.3784

Protanomaly

46.4890, -8.3205, 2.8932

Deuteranomaly

46.3792, -5.3921, 0.1167

Tritanomaly

47.0196, -14.6771, -3.5533

Monochromacy



Original Color

46.8433, -17.5898, 1.3784

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

44.7714, -8.6418, 1.7429

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.8433, -17.5898, 1.3784 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(83, 139, 131)` looks like.

```
.text, #text, p{  
    color:rgb(83, 139, 131)  
}
```

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(83, 139, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 139, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 46.8433, -17.5898, 1.3784 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(83, 139, 131) }
```


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

```
.border{ border-color:rgb(83, 139, 131) }
```

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

Here you see how a box with a 4 pixel rgb(83, 139, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 139, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 139, 131);  
box-shadow:4px 4px 4px 4px rgb(83, 139,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.8433, -17.5898, 1.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 139, 131) }
```

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

```
.background{ background-color: rgb(83, 139,  
131) }
```

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