

Converting Colors

HunterLab(46.3030, -17.7302,
1.7320)

Have a look what the booklet for
HunterLab(46.3030, -17.7302,
1.7320) contains.

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Color

**HunterLab(46.3802,
-17.8777, 1.7165)**

Conversions

Conversions Part 1

Format	Color
Hex	518A81
RGB	81, 138, 129
RGB Percent	32%, 54%, 51%
CMY	0.6823, 0.4588, 0.4941
CMYK	0.41, 0.00, 0.07, 0.46
HSL	171°, 26%, 43%
HSV	171°, 41%, 54%
XYZ	16.4442, 21.5112, 24.0542
YIQ	119.9310, -31.0830, -14.8830

Conversions

Conversions Part 2

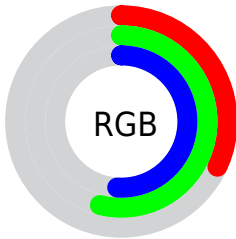
Format	Color
R_{YB}	81, 112, 138
Decimal	5343873
CIE _{Lab}	53.51, -20.98, -1.07
CIE _{LCh}	54, 21.007, 182.914
Yxy	21.5121, 0.2652, 0.3469
Android (android.graphics.Color)	4283533953 (0xFF518A81)
YUV	119.9310, 4.4710, -34.1425
Hunter-Lab	46.3802, -17.8777, 1.7165

Details

The HunterLab color $[46.3802, -17.8777, 1.7165]$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $[34.6798, 17.9056, 5.1445]$, and the grayscale version is $[43.3042, -2.3106, 2.3528]$.

A 20% lighter version of the original color is $[67.8699, -21.5505, 2.7826]$, and $[27.9640, -14.1843, 0.8917]$ is the 20% darker color. If you saturate the color by 10%, you get $[45.7228, -20.5320, 1.8572]$, and if you desaturate by 10%, it is $[47.1631, -14.8015, 1.7280]$.

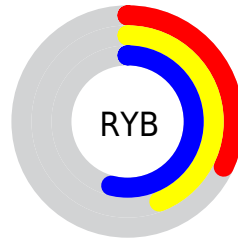
Distribution



Red (32%)

Green (54%)

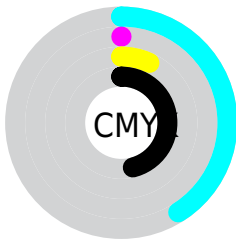
Blue (51%)



Red (32%)

Yellow (44%)

Blue (54%)

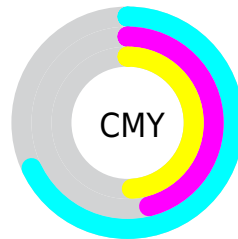


Cyan (41%)

Magenta (0%)

Yellow (7%)

Black (46%)



Cyan (68%)

Magenta (46%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 46.3802, -17.8777, 1.7165 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 46.3802, -17.8777, 1.7165 by changing the saturation by 10% instead.

■ 46.3802, -17.8777,
1.7165

■ 46.3802, -17.8777,
1.7165

161.2413,
-32.8990, 7.5596

■ 36.7408, -16.0415,
1.2516

■ 67.7778, -21.3783,
2.7748

■ 27.8800, -14.1142,
0.8336

■ 79.4481, -23.0717,
3.3610

■ 19.8746, -12.0523,
0.4689

■ 91.7205, -24.7405,
3.9823

■ 12.8282, -9.7770,
0.1658

■ 104.5670,
-26.3911, 4.6369

■ 6.2296, -10.9017,
-0.3714

■ 117.9628,
-28.0288, 5.3233

0.0000, NaN, NaN

0.0000, NaN, NaN

131.8863,

-29.6573, 6.0400

0.0000, NaN, NaN

146.3183,
-31.2799, 6.7858

0.0000, NaN, NaN

■ 46.3802, -17.8777,
1.7165

■ 46.3802, -17.8777,
1.7165

■ 45.7228, -20.5320,
1.8572

■ 47.1631, -14.8015,
1.7280

■ 45.1852, -22.7528,
2.1430

■ 48.0699, -11.3213,
1.8915

■ 44.7632, -24.5420,
2.5660

■ 49.1011, -7.4642,
2.2062

■ 44.4496, -25.9141,
3.1134

■ 50.2551, -3.2617,
2.6683

■ 44.2338, -26.8998,
3.7688

■ 51.5290, 1.2518,
3.2716

■ 44.0948, -27.5629,
4.3858

■ 52.9194, 6.0409,
4.0085

■ 54.4218, 11.0705,
4.8704

■ 56.0316, 16.3073,
5.8480

■ 57.7438, 21.7204,
6.9318

Harmonies

Analogous

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



46.3811, -16.3138, 9.1375



46.3802, -17.8777, 1.7165



46.3811, -15.5714, -6.8724

Triad

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



46.3811, -17.8782, 1.7171



46.3811, 6.8642, -12.7351



46.3811, 5.3031, 14.4698

Complementary

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



46.3802, -17.8777, 1.7165



34.6798, 17.9056, 5.1445

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.



46.3811, 12.2529, 10.2917



46.3802, -17.8777, 1.7165



46.3811, 13.1994, -5.2328

Square

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



46.3811, -17.8782, 1.7171



46.3811, -1.6329, -16.1152



46.3811, 15.2390, 3.3179



46.3811, -3.3156, 15.6582

Rectangle

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



46.3802, -17.8777, 1.7165



46.3811, -12.0429, -11.8751



46.3811, 15.2390, 3.3179



46.3811, 7.9325, 13.4113

Sweetspot

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



46.3811, -17.8782, 1.7171



65.0508, -10.4179, 2.8808



45.7938, -22.2959, 17.7483



30.7355, -5.2024, 1.3396



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.



46.3811, -17.8782, 1.7171



60.7218, -27.1827, 2.4590



40.9618, -8.1552, -9.7072



23.8228, -3.1809, 1.1074



42.2232, -26.3792, 4.1698



3.4659, -2.0026, -0.0091

Inverse Universe

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



34.6798, 17.9056, 5.1445



42.0677, 30.4824, 8.2422



38.8746, 7.8439, 12.2184



22.4959, 0.8061, 1.4615



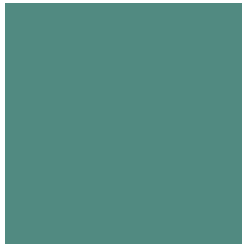
22.3785, 38.5648, 12.5927



1.8621, 3.2837, 0.4685

Previews

White Background



This preview shows how the HunterLab color 46.3802, -17.8777, 1.7165 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 46.3802, -17.8777, 1.7165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

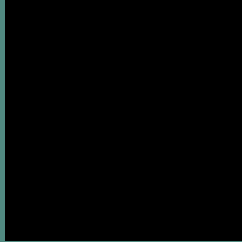
Any Text WCAG AA ✓ Pass

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 46.3802, -17.8777, 1.7165 Background



This preview shows how black text looks on a background with the HunterLab color 46.3802, -17.8777, 1.7165.



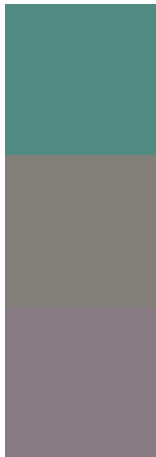
This preview shows how white text looks on a background with the HunterLab color 46.3802,

-17.8777, 1.7165.

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

46.3802, -17.8777, 1.7165

Protanopia

46.2970, -1.8862, 4.4971

Deuteranopia

45.9894, 3.2170, 0.2515



Tritanopia

46.2404, -12.6324, -6.5967

Trichromacy



Original Color

46.3802, -17.8777, 1.7165

Protanomaly

46.0695, -8.4458, 3.2701

Deuteranomaly

45.6716, -5.0727, 0.1783

Tritanomaly

46.2456, -14.5643, -3.5679

Monochromacy



Original Color

46.3802, -17.8777, 1.7165

Achromatopsia

43.3383, -2.3124, 2.3547

Achromatomaly

44.3542, -8.7686, 2.1284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 46.3802, -17.8777, 1.7165 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(81, 138, 129)` looks like.

```
.text, #text, p{  
    color:rgb(81, 138, 129)  
}
```

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(81, 138, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 138, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 46.3802, -17.8777, 1.7165 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(81, 138, 129) }
```


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

```
.border{ border-color:rgb(81, 138, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 138, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 138, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 138, 129);  
box-shadow:4px 4px 4px 4px rgb(81, 138,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 46.3802, -17.8777, 1.7165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 138, 129) }
```

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

```
.background{ background-color: rgb(81, 138,  
129) }
```

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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