

Converting Colors

HunterLab(38.2846, -17.6368,
6.1440)

Have a look what the booklet for
HunterLab(38.2846, -17.6368,
6.1440) contains.

HunterLab(38.2846, -17.6368, 6.1440)	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(38.2846,
-17.6368, 6.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	407560
RGB	64, 117, 96
RGB Percent	25%, 46%, 38%
CMY	0.7490, 0.5412, 0.6235
CMYK	0.45, 0.00, 0.18, 0.54
HSL	156°, 29%, 35%
HSV	156°, 45%, 46%
XYZ	10.5870, 14.6571, 13.3374
YIQ	98.7590, -24.8470, -17.7670

Conversions

Conversions Part 2

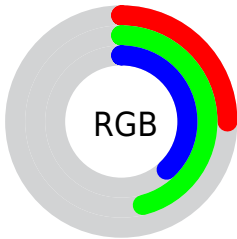
Format	Color
RYB	64, 97, 117
Decimal	4224352
CIELab	45.16, -23.05, 6.12
CIElCh	45, 23.851, 165.124
Yxy	14.6577, 0.2744, 0.3799
Android (android.graphics.Color)	4282414432 (0xFF407560)
YUV	98.7590, -1.3602, -30.4836
Hunter-Lab	38.2846, -17.6368, 6.1440

Details

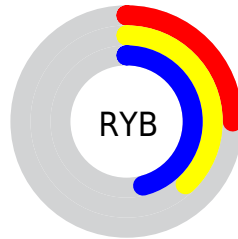
The HunterLab color **38.2846, -17.6368, 6.1440** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **28.4692, 17.9550, -0.0429**, and the grayscale version is **35.2450, -1.8806, 1.9149**.

A 20% lighter version of the original color is **58.3919, -21.3406, 7.9948**, and **21.0611, -13.2881, 4.2501** is the 20% darker color. If you saturate the color by 10%, you get **37.7132, -20.0994, 7.1966**, and if you desaturate by 10%, it is **38.9614, -14.8102, 5.1543**.

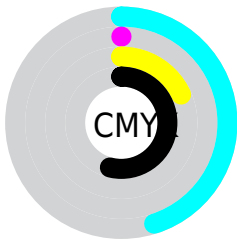
Distribution



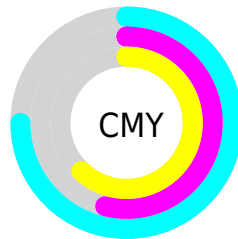
- Red (25%)
- Green (46%)
- Blue (38%)



- Red (25%)
- Yellow (38%)
- Blue (46%)



- Cyan (45%)
- Magenta (0%)
- Yellow (18%)
- Black (54%)



- Cyan (75%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.2846, -17.6368, 6.1440 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 38.2846, -17.6368, 6.1440 by changing the saturation by 10% instead.

■ 38.2846, -17.6368,
6.1440

■ 38.2846, -17.6368,
6.1440

148.7565,
-33.7956, 14.7083

■ 29.2908, -15.5760,
5.2653

■ 58.5248, -21.4889,
7.9317

■ 21.1375, -13.3696,
4.3868

■ 69.6678, -23.3266,
8.8467

■ 13.9234, -10.9380,
3.4943

■ 81.4400, -25.1251,
9.7783

■ 7.5594, -13.2289,
3.7693

■ 93.8093, -26.8940,
10.7275

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 106.7484,
-28.6405, 11.6948

0.0000, NaN, NaN

120.2330,

0.0000, NaN, NaN

-30.3701, 12.6807

0.0000, NaN, NaN

134.2421,
-32.0874, 13.6852

■ 38.2846, -17.6368,
6.1440

■ 38.2846, -17.6368,
6.1440

■ 37.7132, -20.0994,
7.1966

■ 38.9614, -14.8102,
5.1543

■ 37.2425, -22.1849,
8.2979

■ 39.7421, -11.6376,
4.2368

■ 36.8693, -23.8923,
9.4338

■ 40.6268, -8.1451,
3.4005

■ 36.5875, -25.2322,
10.5881

■ 41.6139, -4.3621,
2.6516

■ 36.3830, -26.2510,
11.7384

■ 42.7010, -0.3200,
1.9940

■ 36.2952, -26.6937,
12.2582

■ 43.8848, 3.9491,
1.4296

■ 45.1616, 8.4142,
0.9586

■ 46.5274, 13.0461,
0.5795

■ 47.9779, 17.8179,
0.2899

Harmonies

Analogous

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



38.2854, -13.7540, 12.1291



38.2846, -17.6368, 6.1440



38.2854, -17.6209, -2.5548

Triad

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



38.2854, -17.6373, 6.1444



38.2854, 2.6642, -17.8982



38.2854, 11.2053, 12.1652

Complementary

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



38.2846, -17.6368, 6.1440



28.4692, 17.9550, -0.0429

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.



38.2854, 16.5040, 6.2064



38.2846, -17.6368, 6.1440



38.2854, 11.2662, -11.7380

Square

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



38.2854, -17.6373, 6.1444



38.2854, -6.4667, -17.9260



38.2854, 16.5273, -2.4765



38.2854, 2.5873, 15.0076

Rectangle

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



38.2846, -17.6368, 6.1440



38.2854, -15.4238, -8.8750



38.2854, 16.5273, -2.4765



38.2854, 13.4681, 10.5317

Sweetspot

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



38.2854, -17.6373, 6.1444



54.4826, -10.4408, 4.4514



38.7738, -16.9762, 16.1776



26.0203, -5.4101, 2.2223



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



38.2854, -17.6373, 6.1444



50.4591, -26.9252, 9.6440



37.2789, -12.1518, -4.0093



20.3270, -2.8635, 1.4400



38.0927, -28.0436, 12.9256



83.9878, -62.5389, 30.0262

Inverse Universe

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



28.4692, 17.9550, -0.0429



34.9027, 29.9790, 0.1810



29.0615, 13.0736, 8.2402



19.2942, 0.8215, 0.7544



20.9389, 36.8976, 5.4763



46.0508, 80.8205, 14.5861

Previews

White Background



This preview shows how the HunterLab color 38.2846, -17.6368, 6.1440 looks on a white 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

Black Background



This preview shows how the HunterLab color 38.2846, -17.6368, 6.1440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

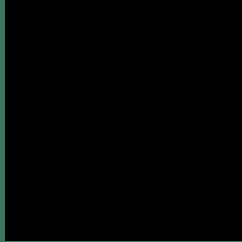
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 38.2846, -17.6368, 6.1440 Background



This preview shows how black text looks on a background with the HunterLab color 38.2846, -17.6368, 6.1440.



This preview shows how white text looks on a background with the HunterLab color 38.2846,

-17.6368, 6.1440.

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

38.2846, -17.6368, 6.1440

Protanopia

38.0670, -2.4631, 8.3480

Deuteranopia

38.1094, 2.2090, 5.1565



Tritanopia

38.1510, -10.5417, -5.2905

Trichromacy



Original Color

38.2846, -17.6368, 6.1440

Protanomaly

37.8912, -8.7100, 7.3526

Deuteranomaly

37.7619, -5.9903, 5.0209

Tritanomaly

38.0208, -13.1010, -1.1634

Monochromacy



Original Color

38.2846, -17.6368, 6.1440

Achromatopsia

35.3231, -1.8847, 1.9192

Achromatomaly

36.2882, -8.4299, 3.3333

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.2846, -17.6368, 6.1440 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(64, 117, 96)` looks like.

```
.text, #text, p{  
    color:rgb(64, 117, 96)  
}
```

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(64, 117, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 117, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 38.2846, -17.6368, 6.1440 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(64, 117, 96) }
```


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

```
.border{ border-color:rgb(64, 117, 96) }
```

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

Here you see how a box with a 4 pixel rgb(64, 117, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 117, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 117, 96);  
box-shadow:4px 4px 4px 4px rgb(64, 117,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.2846, -17.6368, 6.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 117, 96) }
```

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

```
.background{ background-color: rgb(64, 117,  
96) }
```

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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