

Converting Colors

HunterLab(33.7146, -36.9577,
-16.5707)

Have a look what the booklet for
HunterLab(33.7146, -36.9577,
-16.5707) contains.

HunterLab(38.1338, -17.8615, -9.1061)	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(38.1338,
-17.8615, -9.1061)**

Conversions

Conversions Part 1

Format	Color
Hex	007681
RGB	0, 118, 129
RGB Percent	0%, 46%, 51%
CMY	0.9999, 0.5372, 0.4941
CMYK	1.00, 0.09, 0.00, 0.49
HSL	185°, 100%, 25%
HSV	185°, 100%, 51%
XYZ	10.4409, 14.5419, 23.0255
YIQ	83.9720, -73.8590, -21.5950

Conversions

Conversions Part 2

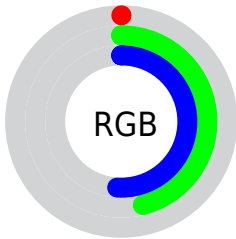
Format	Color
RYB	0, 62, 129
Decimal	30337
CIELab	45.00, -23.47, -13.98
CIELCh	45, 27.319, 210.784
Yxy	14.5424, 0.2175, 0.3029
Android (android.graphics.Color)	4278220417 (0xFF007681)
YUV	83.9720, 22.1988, -73.6434
Hunter-Lab	38.1338, -17.8615, -9.1061

Details

The HunterLab color **38.1338, -17.8615, -9.1061** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **22.1516, 35.1544, 14.2639**, and the grayscale version is **29.7081, -1.5851, 1.6141**.

A 20% lighter version of the original color is **58.5257, -21.9022, -9.1541**, and **21.9896, -9.4530, -7.0787** is the 20% darker color. If you saturate the color by 10%, you get **38.1339, -17.8614, -9.1064**, and if you desaturate by 10%, it is **38.5848, -17.8557, -8.4511**.

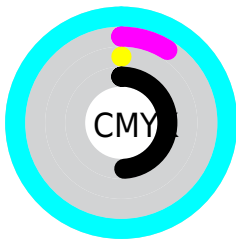
Distribution



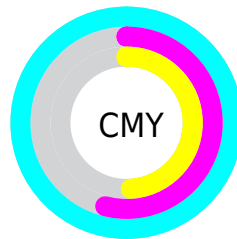
- Red (0%)
- Green (46%)
- Blue (51%)



- Red (0%)
- Yellow (24%)
- Blue (51%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (54%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 38.1338, -17.8615, -9.1061 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 38.1338, -17.8615, -9.1061 by changing the saturation by 10% instead.

■ 38.1338, -17.8615,
-9.1061

■ 38.1338, -17.8615,
-9.1061

■ 148.5192,
-34.2196, -8.2075

■ 29.1528, -15.7675,
-8.8937

■ 58.3510, -21.7688,
-9.3081

■ 21.0138, -13.5234,
-8.6025

■ 69.4835, -23.6310,
-9.3101

■ 13.8158, -11.0464,
-8.2378

■ 81.2459, -25.4522,
-9.2527

■ 7.4407, -13.0212,
-8.5034

■ 93.6059, -27.2425,
-9.1402

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 106.5360,
-29.0093, -8.9764

0.0000, NaN, NaN

■ 120.0120,

0.0000, NaN, NaN

-30.7582, -8.7645

0.0000, NaN, NaN

134.0127,
-32.4938, -8.5074

■ 38.1338, -17.8615,
-9.1061

■ 38.1338, -17.8615,
-9.1061

■ 38.1339, -17.8614,
-9.1064

■ 38.5848, -17.8557,
-8.4511

■ 39.0945, -17.6218,
-7.7169

■ 39.6977, -17.0301,
-6.8562

■ 40.4017, -16.0592,
-5.8649

■ 41.2107, -14.7015,
-4.7443

■ 42.1270, -12.9603,
-3.4992

■ 43.1512, -10.8481,
-2.1374

■ 44.2822, -8.3836,
-0.6684

■ 45.5180, -5.5907,
0.8970

Harmonies

Analogous

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



38.1345, -20.1790, 1.8124



38.1338, -17.8615, -9.1061



38.1345, -11.3894, -18.7501

Triad

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



38.1345, -17.8614, -9.1055



38.1345, 17.2084, -8.5253



38.1345, -2.3123, 16.7070

Complementary

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



38.1338, -17.8615, -9.1061



22.1516, 35.1544, 14.2639

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.



38.1345, 8.3142, 15.3101



38.1338, -17.8615, -9.1061



38.1345, 20.2951, 2.3372

Square

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



38.1345, -17.8614, -9.1055



38.1345, 8.8429, -18.3564



38.1345, 16.8807, 10.6466



38.1345, -11.8188, 15.1525

Rectangle

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



38.1338, -17.8615, -9.1061



38.1345, -5.2132, -22.1304



38.1345, 16.8807, 10.6466



38.1345, 1.2471, 16.5717

Sweetspot

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



38.1345, -17.8614, -9.1055



57.6416, -14.7351, -2.9956



39.6541, -33.7900, 23.3803



27.1886, -7.5027, -1.7357



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.



38.1345, -17.8614, -9.1055



50.9239, -23.7691, -12.3397



20.4967, 10.0320, -47.2725



21.9685, -2.5632, 0.5017



37.6581, -17.6416, -8.9862

0.0000, NaN, NaN

Inverse Universe

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



24.4451, 47.2099, -25.6828



32.6943, 63.1206, -34.1489



31.2000, 11.6915, 19.4291



20.9912, 1.3857, -0.4093



24.1374, 46.6206, -25.3685

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 38.1338, -17.8615, -9.1061 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 38.1338, -17.8615, -9.1061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

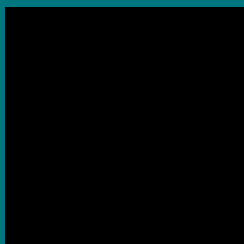
Any Text WCAG AA × Fail

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 38.1338, -17.8615, -9.1061 Background



This preview shows how black text looks on a background with the HunterLab color 38.1338, -17.8615, -9.1061.



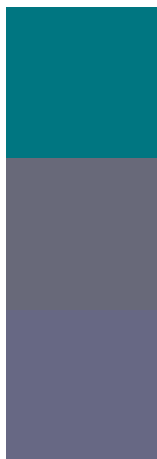
This preview shows how white text looks on a background with the HunterLab color 38.1338, -17.8615, -9.1061.

-17.8615, -9.1061.

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

38.1338, -17.8615, -9.1061

Protanopia

37.9825, 0.3190, -4.8267

Deuteranopia

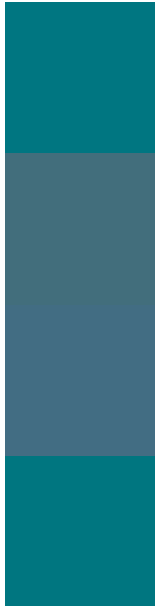
38.0133, 2.5446, -10.5801



Tritanopia

38.0991, -18.0662, -8.6208

Trichromacy



Original Color

38.1338, -17.8615, -9.1061

Protanomaly

37.1017, -9.7889, -7.7822

Deuteranomaly

37.0597, -7.9607, -11.6565

Tritanomaly

38.0991, -18.0662, -8.6208

Monochromacy



Original Color

38.1338, -17.8615, -9.1061

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

31.6903, -10.6710, -3.2164

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 38.1338, -17.8615, -9.1061 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(0, 118, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 118, 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(0, 118, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 118, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 38.1338, -17.8615, -9.1061 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(0, 118, 129) }
```


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

```
.border{ border-color:rgb(0, 118, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 118, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 118, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 118, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 118,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 38.1338, -17.8615, -9.1061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 118, 129) }
```

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

```
.background{ background-color: rgb(0, 118,  
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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