

Converting Colors

HunterLab(56.7638, -45.2929,
15.4382)

Have a look what the booklet for
HunterLab(56.7638, -45.2929,
15.4382) contains.

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Color

**HunterLab(57.6379,
-40.8740, 16.1930)**

Conversions

Conversions Part 1

Format	Color
Hex	00B279
RGB	0, 178, 121
RGB Percent	0%, 70%, 47%
CMY	0.9999, 0.3019, 0.5255
CMYK	1.00, 0.00, 0.32, 0.30
HSL	161°, 100%, 35%
HSV	161°, 100%, 70%
XYZ	19.3716, 33.2213, 23.4805
YIQ	118.2800, -87.7910, -55.4630

Conversions

Conversions Part 2

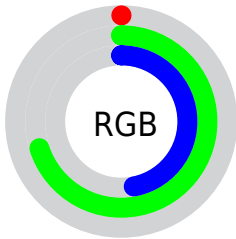
Format	Color
RYB	0, 106, 178
Decimal	45689
CIELab	64.34, -52.04, 18.58
CIELCh	64, 55.262, 160.351
Yxy	33.2226, 0.2546, 0.4367
Android (android.graphics.Color)	4278235769 (0xFF00B279)
YUV	118.2800, 1.3410, -103.7316
Hunter-Lab	57.6379, -40.8740, 16.1930

Details

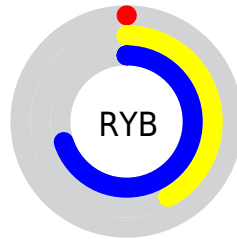
The HunterLab color **57.6379, -40.8740, 16.1930** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **31.2430, 54.4477, 12.8548**, and the grayscale version is **42.6938, -2.2780, 2.3196**.

A 20% lighter version of the original color is **80.5309, -47.9134, 19.3018**, and **38.5787, -28.7516, 13.8464** is the 20% darker color. If you saturate the color by 10%, you get **57.6388, -40.8755, 16.1950**, and if you desaturate by 10%, it is **57.8734, -39.6588, 14.5010**.

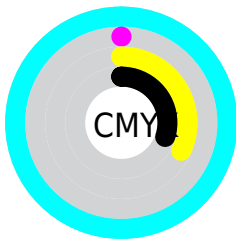
Distribution



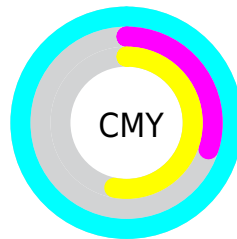
- Red (0%)
- Green (70%)
- Blue (47%)



- Red (0%)
- Yellow (42%)
- Blue (70%)



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (30%)



- Cyan (100%)
- Magenta (30%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 57.6379, -40.8740, 16.1930 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 57.6379, -40.8740, 16.1930 by changing the saturation by 10% instead.

■ 57.6379, -40.8740,
16.1930

■ 57.6379, -40.8740,
16.1930

177.9471,
-69.2610, 30.1408

■ 47.2197, -37.1007,
14.5452

■ 80.4505, -47.8790,
19.3815

■ 37.5171, -33.0781,
12.8401

■ 92.7720, -51.1776,
20.9412

■ 28.5886, -28.7259,
11.0533

■ 105.6652,
-54.3717, 22.4869

■ 20.5083, -23.9197,
9.1452

■ 119.1059,
-57.4783, 24.0235

■ 13.3768, -20.2272,
7.4601

■ 133.0726,
-60.5106, 25.5546

■ 6.9321, -12.1313,
4.8525

■ 147.5462,

0.0000, NaN, NaN

-63.4796, 27.0831

0.0000, NaN, NaN

162.5095,
-66.3939, 28.6112

0.0000, NaN, NaN

■ 57.6379, -40.8740,
16.1930

■ 57.6379, -40.8740,
16.1930

■ 57.6388, -40.8755,
16.1950

■ 57.8734, -39.6588,
14.5010

■ 58.2127, -38.0072,
12.8237

■ 58.6926, -35.7853,
11.2103

■ 59.3274, -32.9536,
9.6898

■ 60.1272, -29.4975,
8.2869

■ 61.0983, -25.4224,
7.0229

■ 62.2440, -20.7507,
5.9145

■ 63.5652, -15.5178,
4.9740

■ 65.0604, -9.7687,
4.2095

Harmonies

Analogous

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



57.6390, -30.3666, 27.8040



57.6379, -40.8740, 16.1930



57.6390, -42.2814, -5.4520

Triad

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



57.6390, -40.8745, 16.1935



57.6390, 5.5769, -60.1159



57.6390, 37.1146, 25.1655

Complementary

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



57.6379, -40.8740, 16.1930



31.2430, 54.4477, 12.8548

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.



57.6390, 50.5839, 10.5796



57.6379, -40.8740, 16.1930



57.6390, 30.4735, -42.1671

Square

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



57.6390, -40.8745, 16.1935



57.6390, -17.9911, -56.5365



57.6390, 47.9699, -13.9364



57.6390, 13.5235, 31.2944

Rectangle

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



57.6379, -40.8740, 16.1930



57.6390, -38.1703, -24.2074



57.6390, 47.9699, -13.9364



57.6390, 43.1402, 21.4093

Sweetspot

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



57.6390, -40.8745, 16.1935



83.7313, -28.2951, 8.0379



57.2559, -44.8756, 34.4947



39.0977, -14.5897, 4.0661



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



57.6390, -40.8745, 16.1935



77.5892, -55.2163, 22.2163



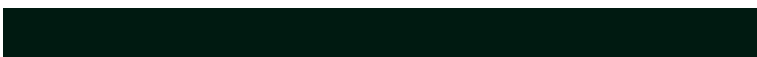
49.4982, -19.2602, -20.2900



30.9585, -4.4503, 1.9786



48.7667, -34.5006, 13.5228



8.7084, -5.7652, 1.5607

Inverse Universe

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



31.2430, 54.4477, 12.8548



42.0272, 73.1594, 17.9593



32.2147, 47.8891, 20.6880



29.2381, 1.3662, 1.3699



26.4463, 46.1285, 10.5894



4.8061, 8.6029, 0.2190

Previews

White Background



This preview shows how the HunterLab color 57.6379, -40.8740, 16.1930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 57.6379, -40.8740, 16.1930 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 ✓ Pass

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

HunterLab 57.6379, -40.8740, 16.1930 Background



This preview shows how black text looks on a background with the HunterLab color 57.6379, -40.8740, 16.1930.



This preview shows how white text looks on a background with the HunterLab color 57.6379, -40.8740, 16.1930.

-40.8740, 16.1930.

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

57.6379, -40.8740, 16.1930

Protanopia

57.2764, -5.0976, 19.6366

Deuteranopia

57.1289, 3.8649, 14.0756



Tritanopia

57.6214, -23.5443, -11.5667

Trichromacy



Original Color

57.6379, -40.8740, 16.1930



Protanomaly

55.2235, -25.0919, 16.1752



Deuteranomaly

54.9542, -20.7740, 12.5661



Tritanomaly

57.3513, -31.2281, -0.0652

Monochromacy



Original Color

57.6379, -40.8740, 16.1930



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

46.4585, -21.3285, 5.9810

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 57.6379, -40.8740, 16.1930 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, 178, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 121)  
}
```

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, 178, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 121) }
```

Border

The CSS property to change the border of an element to HunterLab 57.6379, -40.8740, 16.1930 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, 178, 121) }
```


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

```
.border{ border-color:rgb(0, 178, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 178, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
121) }
```

Background

The CSS property to change the background color of an element to HunterLab 57.6379, -40.8740, 16.1930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 121) }
```

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

```
.background{ background-color: rgb(0, 178,  
121) }
```

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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