

Converting Colors

HunterLab(48.9691, -50.3437,
13.9137)

Have a look what the booklet for
HunterLab(48.9691, -50.3437,
13.9137) contains.

HunterLab(51.7880, -37.6576, 16.5614)	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(51.7880,
-37.6576, 16.5614)**

Conversions

Conversions Part 1

Format	Color
Hex	00A267
RGB	0, 162, 103
RGB Percent	0%, 64%, 40%
CMY	1.0000, 0.3647, 0.5961
CMYK	1.00, 0.00, 0.36, 0.36
HSL	158°, 100%, 32%
HSV	158°, 100%, 64%
XYZ	15.3685, 26.8200, 17.1988
YIQ	106.8360, -77.6130, -52.6930

Conversions

Conversions Part 2

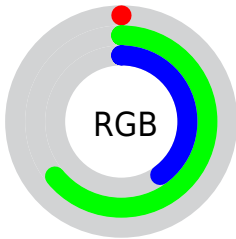
Format	Color
RYB	0, 99, 162
Decimal	41575
CIELab	58.81, -50.05, 20.87
CIELCh	59, 54.225, 157.368
Yxy	26.8210, 0.2588, 0.4516
Android (android.graphics.Color)	4278231655 (0xFF00A267)
YUV	106.8360, -1.8911, -93.6952
Hunter-Lab	51.7880, -37.6576, 16.5614

Details

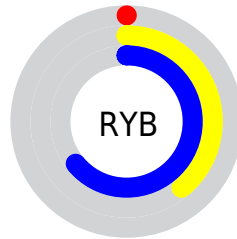
The HunterLab color **51.7880, -37.6576, 16.5614** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.2803, 49.5459, 9.6159**, and the grayscale version is **38.3117, -2.0442, 2.0815**.

A 20% lighter version of the original color is **73.8916, -44.7030, 20.2185**, and **33.4860, -25.7735, 13.7830** is the 20% darker color. If you saturate the color by 10%, you get **51.7889, -37.6587, 16.5627**, and if you desaturate by 10%, it is **52.0151, -36.4859, 14.9526**.

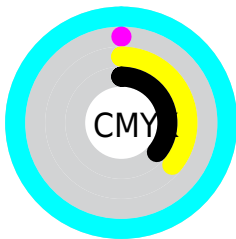
Distribution



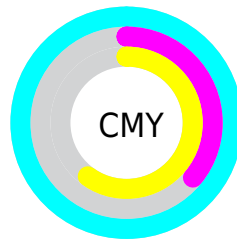
- Red (0%)
- Green (64%)
- Blue (40%)



- Red (0%)
- Yellow (39%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.7880, -37.6576, 16.5614 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 51.7880, -37.6576, 16.5614 by changing the saturation by 10% instead.

■ 51.7880, -37.6576,
16.5614

■ 51.7880, -37.6576,
16.5614

169.3486,
-65.5945, 31.5771

■ 41.7599, -33.8963,
14.7312

■ 73.8895, -44.5952,
20.0564

■ 32.4775, -29.8596,
12.8156

■ 85.8829, -47.8477,
21.7487

■ 24.0077, -25.4503,
10.7784

■ 98.4630, -50.9909,
23.4167

■ 16.4376, -20.5422,
8.5906

■ 111.6036,
-54.0434, 25.0670

■ 9.8903, -17.3080,
6.9232

■ 125.2818,
-57.0195, 26.7047

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 139.4772,

-59.9308, 28.3336

0.0000, NaN, NaN

154.1716,
-62.7865, 29.9569

0.0000, NaN, NaN

■ 51.7880, -37.6576,
16.5614

■ 51.7880, -37.6576,
16.5614

■ 51.7889, -37.6587,
16.5627

■ 52.0151, -36.4859,
14.9526

■ 52.3341, -34.9233,
13.3285

■ 52.7809, -32.8390,
11.7354

■ 53.3676, -30.2005,
10.1994

■ 54.1029, -26.9971,
8.7439

■ 54.9922, -23.2358,
7.3893

■ 56.0381, -18.9387,
6.1527

■ 57.2411, -14.1391,
5.0473

■ 58.5998, -8.8787,
4.0829

Harmonies

Analogous

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



51.7890, -27.0173, 26.3813



51.7880, -37.6576, 16.5614



51.7890, -39.8032, -2.8855

Triad

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



51.7890, -37.6580, 16.5618



51.7890, 3.0421, -58.8593



51.7890, 37.3811, 22.4369

Complementary

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



51.7880, -37.6576, 16.5614



28.2803, 49.5459, 9.6159

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.



51.7890, 48.9343, 7.9404



51.7880, -37.6576, 16.5614



51.7890, 26.9769, -43.1378

Square

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



51.7890, -37.6580, 16.5618



51.7890, -18.7436, -53.1572



51.7890, 44.8267, -16.1739



51.7890, 15.4189, 28.5901

Rectangle

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



51.7880, -37.6576, 16.5614



51.7890, -36.5455, -20.5533



51.7890, 44.8267, -16.1739



51.7890, 42.7712, 18.6985

Sweetspot

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



51.7890, -37.6580, 16.5618



75.4162, -25.8703, 8.3813



51.7532, -39.6989, 31.1948



35.4629, -13.3946, 4.2814



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



51.7890, -37.6580, 16.5618



69.7489, -50.9192, 22.7398



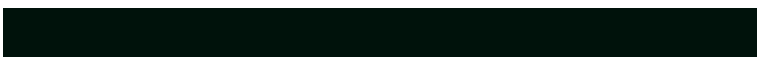
46.3499, -19.6515, -15.5106



28.2263, -4.0785, 1.9324



45.9759, -33.3684, 14.5668



6.7286, -4.4445, 1.1843

Inverse Universe

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



28.2803, 49.5459, 9.6159



38.0554, 66.5822, 13.6512



28.7066, 44.1566, 18.4613



26.6957, 1.2607, 1.1188



25.1159, 44.0329, 8.3134



3.7604, 6.8186, -0.5071

Previews

White Background



This preview shows how the HunterLab color 51.7880, -37.6576, 16.5614 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 51.7880, -37.6576, 16.5614 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 51.7880, -37.6576, 16.5614 Background



This preview shows how black text looks on a background with the HunterLab color 51.7880, -37.6576, 16.5614.



This preview shows how white text looks on a background with the HunterLab color 51.7880,

-37.6576, 16.5614.

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

51.7880, -37.6576, 16.5614

Protanopia

51.5105, -5.2634, 19.4594

Deuteranopia

51.4115, 3.5699, 15.0569



Tritanopia

51.7408, -20.7965, -10.3750

Trichromacy



Original Color

51.7880, -37.6576, 16.5614



Protanomaly

49.8992, -23.5246, 16.8982



Deuteranomaly

49.3108, -18.9461, 13.3285



Tritanomaly

51.4807, -28.3086, 0.8385

Monochromacy



Original Color

51.7880, -37.6576, 16.5614



Achromatopsia

38.3441, -2.0459, 2.0833



Achromatomaly

41.7712, -19.3639, 6.0457

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.7880, -37.6576, 16.5614 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, 162, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 162, 103)  
}
```

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, 162, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 162, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 51.7880, -37.6576, 16.5614 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, 162, 103) }
```


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

```
.border{ border-color:rgb(0, 162, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 162, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 162, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 162, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 162,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.7880, -37.6576, 16.5614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 162, 103) }
```

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

```
.background{ background-color: rgb(0, 162,  
103) }
```

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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