

Converting Colors

HunterLab(51.0241, -37.5054,
17.1878)

Have a look what the booklet for
HunterLab(51.0241, -37.5054,
17.1878) contains.

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Color

**HunterLab(51.0318,
-37.4577, 17.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	00A063
RGB	0, 160, 99
RGB Percent	0%, 63%, 39%
CMY	1.0000, 0.3725, 0.6118
CMYK	1.00, 0.00, 0.38, 0.37
HSL	157°, 100%, 31%
HSV	157°, 100%, 63%
XYZ	14.8229, 26.0424, 16.0498
YIQ	105.2060, -75.7790, -52.8910

Conversions

Conversions Part 2

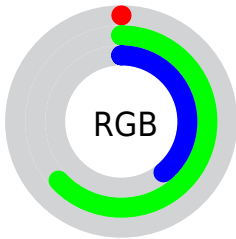
Format	Color
RYB	0, 99, 160
Decimal	41059
CIELab	58.08, -50.16, 22.07
CIELCh	58, 54.805, 156.252
Yxy	26.0435, 0.2604, 0.4576
Android (android.graphics.Color)	4278231139 (0xFF00A063)
YUV	105.2060, -3.0596, -92.2657
Hunter-Lab	51.0318, -37.4577, 17.0752

Details

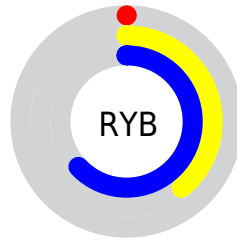
The HunterLab color **51.0318, -37.4577, 17.0752** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.9484, 49.0663, 8.7114**, and the grayscale version is **37.6968, -2.0114, 2.0481**.

A 20% lighter version of the original color is **73.1010, -44.4634, 20.8634**, and **32.8075, -25.4345, 13.8993** is the 20% darker color. If you saturate the color by 10%, you get **51.0327, -37.4589, 17.0766**, and if you desaturate by 10%, it is **51.2590, -36.2837, 15.4599**.

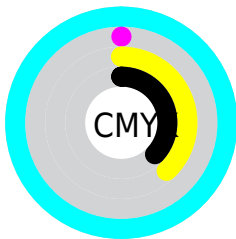
Distribution



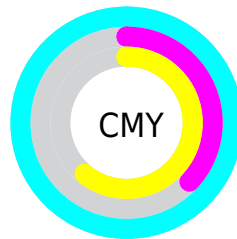
- Red (0%)
- Green (63%)
- Blue (39%)



- Red (0%)
- Yellow (39%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (38%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0318, -37.4577, 17.0752 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 51.0318, -37.4577, 17.0752 by changing the saturation by 10% instead.

■ 51.0318, -37.4577,
17.0752

■ 51.0318, -37.4577,
17.0752

168.2247,
-65.5120, 32.6436

■ 41.0563, -33.6706,
15.1574

■ 73.0377, -44.4344,
20.7225

■ 31.8308, -29.6014,
13.1435

■ 84.9872, -47.7023,
22.4823

■ 23.4234, -25.1495,
10.9937

■ 97.5254, -50.8590,
24.2136

■ 15.9232, -20.2692,
8.7776

■ 110.6259,
-53.9235, 25.9234

■ 9.4570, -16.5497,
6.6199

■ 124.2656,
-56.9103, 27.6174

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.4238,

-59.8313, 29.2999

0.0000, NaN, NaN

153.0824,
-62.6959, 30.9743

0.0000, NaN, NaN

■ 51.0318, -37.4577,
17.0752

■ 51.0318, -37.4577,
17.0752

■ 51.0327, -37.4589,
17.0766

■ 51.2590, -36.2837,
15.4599

■ 51.5771, -34.7214,
13.8185

■ 52.0218, -32.6400,
12.1965

■ 52.6052, -30.0082,
10.6200

■ 53.3357, -26.8159,
9.1124

■ 54.2184, -23.0708,
7.6947

■ 55.2560, -18.7954,
6.3843

■ 56.4488, -14.0231,
5.1955

■ 57.7953, -8.7958,
4.1387

Harmonies

Analogous

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



51.0328, -26.5041, 26.5089



51.0318, -37.4577, 17.0752



51.0328, -39.9119, -2.0602

Triad

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



51.0328, -37.4582, 17.0756



51.0328, 2.2210, -59.9196



51.0328, 38.4327, 22.0315

Complementary

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



51.0318, -37.4577, 17.0752



27.9484, 49.0663, 8.7114

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.



51.0328, 49.5834, 7.1842



51.0318, -37.4577, 17.0752



51.0328, 26.4044, -44.6225

Square

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



51.0328, -37.4582, 17.0756



51.0328, -19.4672, -53.2849



51.0328, 44.8292, -17.4225



51.0328, 16.4978, 28.3464

Rectangle

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



51.0318, -37.4577, 17.0752



51.0328, -36.8708, -19.7672



51.0328, 44.8292, -17.4225



51.0328, 43.7295, 18.2018

Sweetspot

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



51.0328, -37.4582, 17.0756



74.3676, -25.6822, 8.7016



51.1327, -38.8051, 30.8280



34.5594, -13.1231, 4.3943



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



51.0328, -37.4582, 17.0756



68.7350, -50.6562, 23.4393



46.5698, -20.4760, -14.0057



27.3250, -3.9563, 1.9180



45.0504, -33.0007, 14.9300



6.0904, -4.0065, 1.0364

Inverse Universe

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



27.9484, 49.0663, 8.7114



37.6099, 65.9372, 12.4490



28.1580, 44.0699, 18.1217



25.8571, 1.2265, 1.0348



24.6827, 43.3660, 7.4526



3.4188, 6.2287, -0.6895

Previews

White Background



This preview shows how the HunterLab color 51.0318, -37.4577, 17.0752 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 51.0318, -37.4577, 17.0752 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 51.0318, -37.4577, 17.0752 Background



This preview shows how black text looks on a background with the HunterLab color 51.0318, -37.4577, 17.0752.



This preview shows how white text looks on a background with the HunterLab color 51.0318, -37.4577, 17.0752.

-37.4577, 17.0752.

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

51.0318, -37.4577, 17.0752

Protanopia

50.7767, -5.0502, 19.9053

Deuteranopia

50.5782, 3.3939, 15.5589



Tritanopia

50.9967, -20.5824, -9.7700

Trichromacy



Original Color

51.0318, -37.4577, 17.0752



Protanomaly

49.1371, -23.3864, 17.3729



Deuteranomaly

48.5461, -18.8463, 13.9121



Tritanomaly

50.7062, -28.2486, 1.7393

Monochromacy



Original Color

51.0318, -37.4577, 17.0752



Achromatopsia

37.5850, -2.0054, 2.0421



Achromatomaly

41.0363, -19.1960, 6.4105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0318, -37.4577, 17.0752 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, 160, 99)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 99)  
}
```

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, 160, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0318, -37.4577, 17.0752 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, 160, 99) }
```


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

```
.border{ border-color:rgb(0, 160, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 160, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 99);  
box-shadow:4px 4px 4px 4px rgb(0, 160, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 51.0318, -37.4577, 17.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 99) }
```

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

```
.background{ background-color: rgb(0, 160,  
99) }
```

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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