

Converting Colors

HunterLab(51.2606, -43.2233,
14.4065)

Have a look what the booklet for
HunterLab(51.2606, -43.2233,
14.4065) contains.

HunterLab(52.5677, -37.7239, 15.7299)	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(52.5677,
-37.7239, 15.7299)**

Conversions

Conversions Part 1

Format	Color
Hex	00A46C
RGB	0, 164, 108
RGB Percent	0%, 64%, 42%
CMY	1.0000, 0.3569, 0.5765
CMYK	1.00, 0.00, 0.34, 0.36
HSL	160°, 100%, 32%
HSV	160°, 100%, 64%
XYZ	15.9822, 27.6336, 18.6789
YIQ	108.5800, -79.7680, -52.1840

Conversions

Conversions Part 2

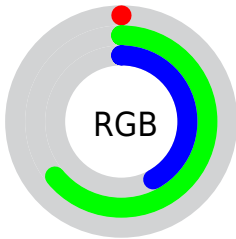
Format	Color
RYB	0, 99, 164
Decimal	42092
CIELab	59.56, -49.70, 19.14
CIELCh	60, 53.258, 158.936
Yxy	27.6347, 0.2566, 0.4436
Android (android.graphics.Color)	4278232172 (0xFF00A46C)
YUV	108.5800, -0.2859, -95.2247
Hunter-Lab	52.5677, -37.7239, 15.7299

Details

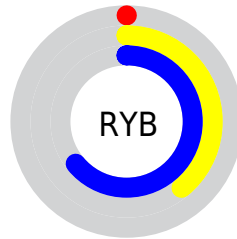
The HunterLab color $52.5677, -37.7239, 15.7299$ is a dark color, and the websafe version is hex 009966 . A complement of this color would be $28.5983, 49.9724, 10.7375$, and the grayscale version is $38.9703, -2.0794, 2.1173$.

A 20% lighter version of the original color is $74.7650, -44.5200, 18.9165$, and $34.1981, -25.9192, 13.2074$ is the 20% darker color. If you saturate the color by 10%, you get $52.5686, -37.7250, 15.7312$, and if you desaturate by 10%, it is $52.7935, -36.5622, 14.1455$.

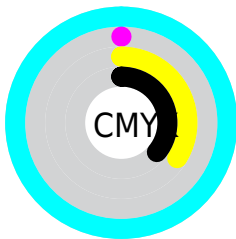
Distribution



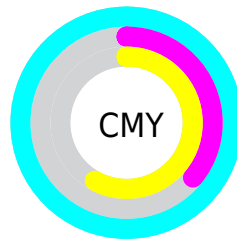
- Red (0%)
- Green (64%)
- Blue (42%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.5677, -37.7239, 15.7299 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 52.5677, -37.7239, 15.7299 by changing the saturation by 10% instead.

■ 52.5677, -37.7239,
15.7299

■ 52.5677, -37.7239,
15.7299

170.5044,
-65.4346, 29.9727

■ 42.4859, -34.0049,
14.0203

■ 74.7668, -44.5931,
19.0139

■ 33.1455, -30.0187,
12.2391

■ 86.8051, -47.8170,
20.6119

■ 24.6122, -25.6721,
10.3548

■ 99.4281, -50.9344,
22.1916

■ 16.9709, -20.8153,
8.3152

■ 112.6097,
-53.9631, 23.7586

■ 10.3415, -18.0977,
7.2391

■ 126.3273,
-56.9173, 25.3171

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.5607,

-59.8081, 26.8706

0.0000, NaN, NaN

155.2918,
-62.6447, 28.4218

0.0000, NaN, NaN

■ 52.5677, -37.7239,
15.7299

■ 52.5677, -37.7239,
15.7299

■ 52.5686, -37.7250,
15.7312

■ 52.7935, -36.5622,
14.1455

■ 53.1121, -35.0088,
12.5604

■ 53.5591, -32.9326,
11.0212

■ 54.1473, -30.3000,
9.5541

■ 54.8853, -27.0991,
8.1822

■ 55.7787, -23.3365,
6.9251

■ 56.8305, -19.0332,
5.7991

■ 58.0410, -14.2222,
4.8162

■ 59.4090, -8.9449,
3.9850

Harmonies

Analogous

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



52.5687, -27.5761, 26.0329



52.5677, -37.7239, 15.7299



52.5687, -39.4243, -4.0232

Triad

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



52.5687, -37.7243, 15.7303



52.5687, 4.1629, -57.0960



52.5687, 35.7388, 22.8740

Complementary

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



52.5677, -37.7239, 15.7299



28.5983, 49.9724, 10.7375

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.



52.5687, 47.7735, 8.9249



52.5677, -37.7239, 15.7299



52.5687, 27.6124, -40.9007

Square

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



52.5687, -37.7243, 15.7303



52.5687, -17.6271, -52.6817



52.5687, 44.5704, -14.4034



52.5687, 13.8601, 28.7688

Rectangle

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



52.5677, -37.7239, 15.7299



52.5687, -35.8808, -21.5228



52.5687, 44.5704, -14.4034



52.5687, 41.2254, 19.2789

Sweetspot

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



52.5687, -37.7243, 15.7303



76.4787, -25.9920, 7.8943



52.3773, -40.5862, 31.5638



35.4849, -13.2667, 3.9657



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.



52.5687, -37.7243, 15.7303



70.7949, -51.0008, 21.6088



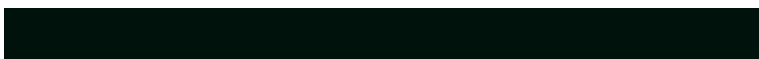
46.1117, -18.7883, -17.0763



28.2311, -4.0519, 1.8644



46.0404, -32.9718, 13.6300



6.7358, -4.4007, 1.0808

Inverse Universe

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



28.5983, 49.9724, 10.7375



38.4828, 67.1579, 15.1380



29.2771, 44.1806, 18.8133



26.6909, 1.2346, 1.1880



25.0574, 43.8181, 9.1646



3.7485, 6.7758, -0.3401

Previews

White Background



This preview shows how the HunterLab color 52.5677, -37.7239, 15.7299 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 52.5677, -37.7239, 15.7299 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 52.5677, -37.7239, 15.7299 Background



This preview shows how black text looks on a background with the HunterLab color 52.5677, -37.7239, 15.7299.



This preview shows how white text looks on a background with the HunterLab color 52.5677, -37.7239, 15.7299.

-37.7239, 15.7299.

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

52.5677, -37.7239, 15.7299

Protanopia

52.0739, -4.5714, 18.5675

Deuteranopia

52.1663, 3.5216, 14.1127



Tritanopia

52.4513, -21.2176, -10.4814

Trichromacy



Original Color

52.5677, -37.7239, 15.7299



Protanomaly

50.3673, -23.1408, 15.8338



Deuteranomaly

50.1014, -18.9079, 12.4006



Tritanomaly

52.2283, -28.5408, 0.3471

Monochromacy



Original Color

52.5677, -37.7239, 15.7299



Achromatopsia

39.1058, -2.0866, 2.1247



Achromatomaly

42.5086, -19.5291, 5.6721

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.5677, -37.7239, 15.7299 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, 164, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 108)  
}
```

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, 164, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 52.5677, -37.7239, 15.7299 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, 164, 108) }
```


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

```
.border{ border-color:rgb(0, 164, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.5677, -37.7239, 15.7299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 108) }
```

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

```
.background{ background-color: rgb(0, 164,  
108) }
```

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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