

Converting Colors

HunterLab(52.2275, -37.3842,
15.4220)

Have a look what the booklet for
HunterLab(52.2275, -37.3842,
15.4220) contains.

HunterLab(52.2275, -37.3842, 15.4220)	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(52.2275,
-37.3842, 15.4220)**

Conversions

Conversions Part 1

Format	Color
Hex	00A36C
RGB	0, 163, 108
RGB Percent	0%, 64%, 42%
CMY	1.0000, 0.3608, 0.5765
CMYK	1.00, 0.00, 0.34, 0.36
HSL	160°, 100%, 32%
HSV	160°, 100%, 64%
XYZ	15.8040, 27.2771, 18.6194
YIQ	107.9930, -79.4930, -51.6610

Conversions

Conversions Part 2

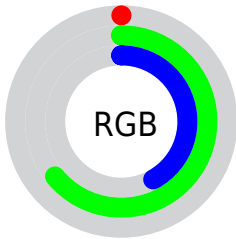
Format	Color
RYB	0, 98, 163
Decimal	41836
CIELab	59.23, -49.32, 18.70
CIELCh	59, 52.747, 159.240
Yxy	27.2782, 0.2561, 0.4421
Android (android.graphics.Color)	4278231916 (0xFF00A36C)
YUV	107.9930, 0.0035, -94.7099
Hunter-Lab	52.2275, -37.3842, 15.4220

Details

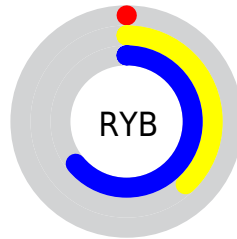
The HunterLab color **52.2275, -37.3842, 15.4220** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.3955, 49.5976, 10.8150**, and the grayscale version is **38.7458, -2.0674, 2.1051**.

A 20% lighter version of the original color is **74.4142, -44.1268, 18.5829**, and **33.8794, -25.6138, 12.9466** is the 20% darker color. If you saturate the color by 10%, you get **52.2284, -37.3855, 15.4236**, and if you desaturate by 10%, it is **52.4518, -36.2321, 13.8587**.

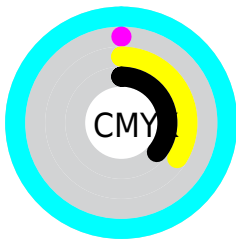
Distribution



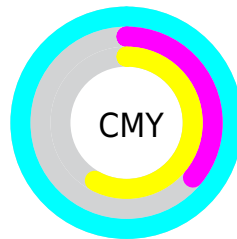
- Red (0%)
- Green (64%)
- Blue (42%)



- Red (0%)
- Yellow (38%)
- 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 52.2275, -37.3842, 15.4220 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 52.2275, -37.3842, 15.4220 by changing the saturation by 10% instead.

■ 52.2275, -37.3842,
15.4220

■ 52.2275, -37.3842,
15.4220

170.0005,
-64.9478, 29.4742

■ 42.1690, -33.6841,
13.7400

■ 74.3841, -44.2171,
18.6560

■ 32.8539, -29.7171,
11.9887

■ 86.4029, -47.4236,
20.2311

■ 24.3482, -25.3893,
10.1368

■ 99.0072, -50.5242,
21.7890

■ 16.7378, -20.5517,
8.1327

■ 112.1710,
-53.5366, 23.3352

■ 10.1441, -17.7522,
7.1009

■ 125.8714,
-56.4751, 24.8738

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.0883,

-59.3506, 26.4082

0.0000, NaN, NaN

154.8034,
-62.1724, 27.9410

0.0000, NaN, NaN

■ 52.2275, -37.3842,
15.4220

■ 52.2275, -37.3842,
15.4220

■ 52.2284, -37.3855,
15.4236

■ 52.4518, -36.2321,
13.8587

■ 52.7677, -34.6930,
12.2969

■ 53.2111, -32.6361,
10.7834

■ 53.7943, -30.0281,
9.3440

■ 54.5261, -26.8572,
8.0014

■ 55.4120, -23.1296,
6.7748

■ 56.4549, -18.8662,
5.6802

■ 57.6552, -14.0995,
4.7294

■ 59.0117, -8.8704,
3.9304

Harmonies

Analogous

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



52.2285, -27.4243, 25.7206



52.2275, -37.3842, 15.4220



52.2285, -38.9836, -4.2024

Triad

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



52.2285, -37.3846, 15.4224



52.2285, 4.3364, -56.2333



52.2285, 35.0969, 22.7434

Complementary

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



52.2275, -37.3842, 15.4220



28.3955, 49.5976, 10.8150

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.



52.2285, 47.1091, 9.0258



52.2275, -37.3842, 15.4220



52.2285, 27.4741, -40.1027

Square

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



52.2285, -37.3846, 15.4224



52.2285, -17.2498, -52.0995



52.2285, 44.1053, -13.9398



52.2285, 13.4381, 28.5341

Rectangle

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



52.2275, -37.3842, 15.4220



52.2285, -35.4186, -21.5049



52.2285, 44.1053, -13.9398



52.2285, 40.5503, 19.2085

Sweetspot

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



52.2285, -37.3846, 15.4224



75.4652, -25.5875, 7.6791



52.0259, -40.3065, 31.3521



35.4889, -13.2439, 3.9093



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.



52.2285, -37.3846, 15.4224



69.8658, -50.2003, 21.0418



45.8049, -18.6667, -16.9551



28.2319, -4.0472, 1.8523



46.0522, -32.8997, 13.4599



6.7371, -4.3929, 1.0622

Inverse Universe

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



28.3955, 49.5976, 10.8150



37.9545, 66.2111, 15.1232



29.0849, 43.8669, 18.6892



26.6900, 1.2299, 1.2003



25.0475, 43.7815, 9.3097



3.7464, 6.7682, -0.3104

Previews

White Background



This preview shows how the HunterLab color 52.2275, -37.3842, 15.4220 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 52.2275, -37.3842, 15.4220 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 52.2275, -37.3842, 15.4220 Background



This preview shows how black text looks on a background with the HunterLab color 52.2275, -37.3842, 15.4220.



This preview shows how white text looks on a background with the HunterLab color 52.2275,

-37.3842, 15.4220.

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

52.2275, -37.3842, 15.4220

Protanopia

51.9800, -4.9016, 18.4795

Deuteranopia

51.7905, 3.6597, 13.7523



Tritanopia

52.4156, -21.4257, -9.9813

Trichromacy



Original Color

52.2275, -37.3842, 15.4220



Protanomaly

50.3124, -23.3542, 15.7800



Deuteranomaly

49.7302, -18.7248, 12.0396



Tritanomaly

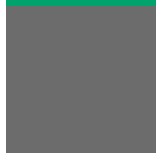
52.1983, -28.7196, 0.7729

Monochromacy



Original Color

52.2275, -37.3842, 15.4220



Achromatopsia

38.7246, -2.0663, 2.1040



Achromatomaly

42.1738, -19.2888, 5.7043

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.2275, -37.3842, 15.4220 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, 163, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 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, 163, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 52.2275, -37.3842, 15.4220 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, 163, 108) }
```


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

```
.border{ border-color:rgb(0, 163, 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, 163, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.2275, -37.3842, 15.4220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 108) }
```

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

```
.background{ background-color: rgb(0, 163,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor