

Converting Colors

HunterLab(68.3813, -52.5889,
28.0552)

Have a look what the booklet for
HunterLab(68.3813, -52.5889,
28.0552) contains.

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Color

**HunterLab(68.3730,
-52.6373, 28.1685)**

Conversions

Conversions Part 1

Format	Color
Hex	00D16F
RGB	0, 209, 111
RGB Percent	0%, 82%, 44%
CMY	1.0000, 0.1804, 0.5647
CMYK	1.00, 0.00, 0.47, 0.18
HSL	152°, 100%, 41%
HSV	152°, 100%, 82%
XYZ	25.6697, 46.7487, 22.7094
YIQ	135.3370, -93.1060, -74.7860

Conversions

Conversions Part 2

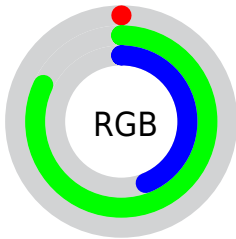
Format	Color
RYB	0, 137, 209
Decimal	53615
CIELab	74.03, -64.86, 36.61
CIELCh	74, 74.482, 150.555
Yxy	46.7506, 0.2698, 0.4914
Android (android.graphics.Color)	4278243695 (0xFF00D16F)
YUV	135.3370, -11.9981, -118.6905
Hunter-Lab	68.3730, -52.6373, 28.1685

Details

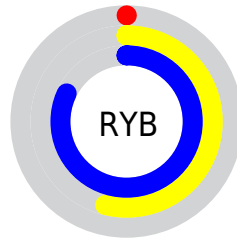
The HunterLab color **68.3730, -52.6373, 28.1685** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **37.9976, 67.3917, 6.5585**, and the grayscale version is **49.4306, -2.6375, 2.6857**.

A 20% lighter version of the original color is **87.7974, -55.9467, 29.4029**, and **48.0826, -38.7293, 23.5063** is the 20% darker color. If you saturate the color by 10%, you get **68.3742, -52.6388, 28.1702**, and if you desaturate by 10%, it is **68.6563, -51.1264, 25.8438**.

Distribution



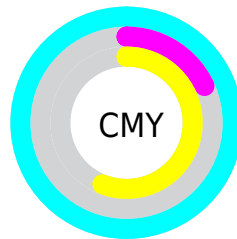
- Red (0%)
- Green (82%)
- Blue (44%)



- Red (0%)
- Yellow (54%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.3730, -52.6373, 28.1685 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 68.3730, -52.6373, 28.1685 by changing the saturation by 10% instead.


 68.3730, -52.6373,
28.1685


 68.3730, -52.6373,
28.1685


193.3437,
-85.8960, 49.6891


 57.3049, -48.2364,
25.4457


 92.3803, -60.8443,
33.3239

 46.9071, -43.5721,
22.5923


 105.2561,
-64.7158, 35.7911


 37.2276, -38.5739,
19.5733


 118.6801,
-68.4650, 38.2018

 28.3242, -33.1391,
16.3413

 132.6308,
-72.1097, 40.5658

 20.2717, -27.1154,
13.2054

 147.0889,
-75.6643, 42.8907

 13.1718, -23.0506,
9.2202

162.0372,

 6.6794, -11.6889,

-79.1406, 45.1829

4.6756

177.4602,
-82.5485, 47.4476

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3730, -52.6373,
28.1685

■ 68.3730, -52.6373,
28.1685

■ 68.3742, -52.6388,
28.1702

■ 68.6563, -51.1264,
25.8438

■ 69.0789, -49.0051,
23.3988

■ 69.6818, -46.1273,
20.8858

■ 70.4829, -42.4445,
18.3431

■ 71.4947, -37.9418,

15.8078

■ 72.7247, -32.6322,
13.3148

■ 74.1767, -26.5509,
10.8959

■ 75.8508, -19.7503,
8.5788

■ 77.7444, -12.2950,
6.3867

Harmonies

Analogous

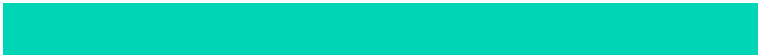
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3744, -34.4022, 38.9435



68.3730, -52.6373, 28.1685



68.3744, -58.4446, 3.1039

Triad

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



68.3744, -52.6380, 28.1689



68.3744, -3.0042, -95.1764



68.3744, 63.8986, 28.7844

Complementary

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



68.3730, -52.6373, 28.1685



37.9976, 67.3917, 6.5585

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.



68.3744, 76.7784, 4.3340



68.3730, -52.6373, 28.1685



68.3744, 33.7245, -76.7187

Square

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



68.3744, -52.6380, 28.1689



68.3744, -33.4870, -77.9510



68.3744, 64.7779, -35.4613



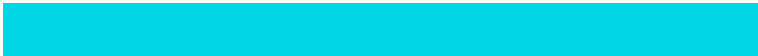
68.3744, 32.3794, 39.1536

Rectangle

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



68.3730, -52.6373, 28.1685



68.3744, -55.6278, -22.5564



68.3744, 64.7779, -35.4613



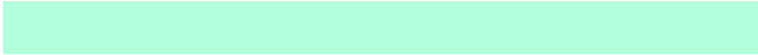
68.3744, 70.8034, 22.4833

Sweetspot

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



68.3744, -52.6380, 28.1689



92.8253, -33.5325, 13.7492



69.5492, -49.4093, 41.9906



42.5726, -17.0628, 6.9532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3744, -52.6380, 28.1689



85.6045, -66.0608, 35.6081



69.6533, -36.1320, -9.0613



36.4825, -5.5475, 2.9344



53.7065, -41.2162, 21.8456



12.7622, -9.3588, 4.2513

Inverse Universe

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



37.9976, 67.3917, 6.5585



47.5455, 84.2536, 8.7820



36.9212, 62.7006, 23.8478



34.4952, 1.9160, 1.0011



29.8683, 53.0364, 4.6800



7.1748, 12.9487, -0.4923

Previews

White Background



This preview shows how the HunterLab color 68.3730, -52.6373, 28.1685 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 68.3730, -52.6373, 28.1685 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 68.3730, -52.6373, 28.1685 Background



This preview shows how black text looks on a background with the HunterLab color 68.3730, -52.6373, 28.1685.



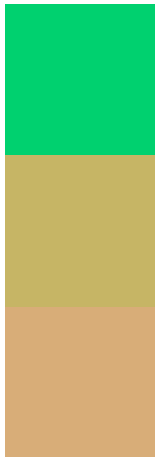
This preview shows how white text looks on a background with the HunterLab color 68.3730, -52.6373, 28.1685.

-52.6373, 28.1685.

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

68.3730, -52.6373, 28.1685

Protanopia

67.8182, -7.7112, 30.8906

Deuteranopia

67.7068, 4.5065, 26.2392



Tritanopia

68.1167, -26.9601, -13.2923

Trichromacy



Original Color

68.3730, -52.6373, 28.1685



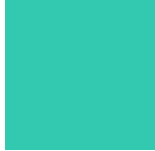
Protanomaly

65.3584, -33.0320, 27.5715



Deuteranomaly

64.5914, -27.1272, 23.8777



Tritanomaly

67.5174, -38.7407, 4.8565

Monochromacy



Original Color

68.3730, -52.6373, 28.1685



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

54.1530, -27.1162, 11.2830

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3730, -52.6373, 28.1685 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, 209, 111)` looks like.

```
.text, #text, p{  
    color:rgb(0, 209, 111)  
}
```

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, 209, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 209, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3730, -52.6373, 28.1685 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, 209, 111) }
```


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

```
.border{ border-color:rgb(0, 209, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 209, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 209, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 209, 111);  
box-shadow:4px 4px 4px 4px rgb(0, 209,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3730, -52.6373, 28.1685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 209, 111) }
```

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

```
.background{ background-color: rgb(0, 209,  
111) }
```

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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