

Converting Colors

HunterLab(70.5270, -52.6505,
25.5046)

Have a look what the booklet for
HunterLab(70.5270, -52.6505,
25.5046) contains.

HunterLab(70.4639, -52.5267, 25.3164)	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(70.4639,
-52.5267, 25.3164)**

Conversions

Conversions Part 1

Format	Color
Hex	00D680
RGB	0, 214, 128
RGB Percent	0%, 84%, 50%
CMY	0.9999, 0.1608, 0.4980
CMYK	1.00, 0.00, 0.40, 0.16
HSL	156°, 100%, 42%
HSV	156°, 100%, 84%
XYZ	27.9428, 49.6516, 28.5330
YIQ	140.2100, -99.9380, -72.1140

Conversions

Conversions Part 2

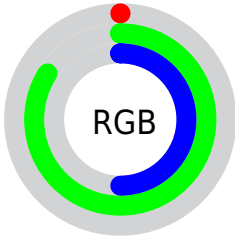
Format	Color
RYB	0, 134, 214
Decimal	54912
CIELab	75.86, -63.46, 30.39
CIELCh	76, 70.360, 154.414
Yxy	49.6536, 0.2633, 0.4678
Android (android.graphics.Color)	4278244992 (0xFF00D680)
YUV	140.2100, -6.0195, -122.9642
Hunter-Lab	70.4639, -52.5267, 25.3164

Details

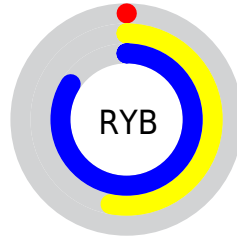
The HunterLab color **70.4639, -52.5267, 25.3164** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **38.6901, 67.9928, 11.5331**, and the grayscale version is **51.3492, -2.7399, 2.7899**.

A 20% lighter version of the original color is **88.2272, -53.4156, 23.6894**, and **50.0038, -38.9511, 21.5839** is the 20% darker color. If you saturate the color by 10%, you get **70.4651, -52.5285, 25.3188**, and if you desaturate by 10%, it is **70.7487, -51.0146, 22.9930**.

Distribution



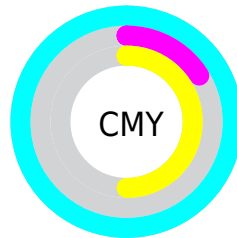
- Red (0%)
- Green (84%)
- Blue (50%)



- Red (0%)
- Yellow (53%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (40%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.4639, -52.5267, 25.3164 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 70.4639, -52.5267, 25.3164 by changing the saturation by 10% instead.


 70.4639, -52.5267,
25.3164

 70.4639, -52.5267,
25.3164


196.2931,
-84.9974, 44.0715


 59.2775, -48.2569,
23.0042


 94.6897, -60.5098,
29.7348


 48.7539, -43.7414,
20.5966


 107.6674,
-64.2836, 31.8671

 38.9392, -38.9157,
18.0657


 121.1891,
-67.9424, 33.9613

 29.8891, -33.6860,
15.3715

 135.2338,
-71.5028, 36.0248

 21.6746, -27.9131,
12.4571

 149.7827,
-74.9783, 38.0632

 14.3914, -23.7059,
10.0740

164.8188,

 8.0518, -14.0906,

-78.3800, 40.0813

5.6362

180.3269,
-81.7171, 42.0830

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.4639, -52.5267,
25.3164

■ 70.4639, -52.5267,
25.3164

■ 70.4651, -52.5285,
25.3188

■ 70.7487, -51.0146,
22.9930

■ 71.1725, -48.9040,
20.6156

■ 71.7766, -46.0474,
18.2392

■ 72.5799, -42.3933,
15.9032

■ 73.5951, -37.9238,

13.6433

■ 74.8305, -32.6488,
11.4920

■ 76.2901, -26.6003,
9.4772

■ 77.9744, -19.8283,
7.6219

■ 79.8813, -12.3946,
5.9435

Harmonies

Analogous

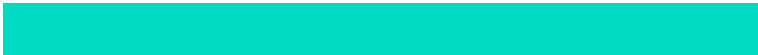
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.4653, -36.2882, 37.7610



70.4639, -52.5267, 25.3164



70.4653, -56.7156, -0.9921

Triad

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



70.4653, -52.5274, 25.3169



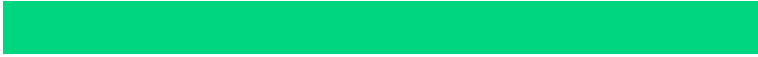
70.4653, 1.2091, -87.3440



70.4653, 56.9014, 30.2180

Complementary

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



70.4639, -52.5267, 25.3164



38.6901, 67.9928, 11.5331

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.



70.4653, 71.7067, 8.3442



70.4639, -52.5267, 25.3164



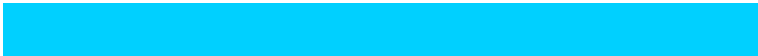
70.4653, 35.9966, -66.7539

Square

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



70.4653, -52.5274, 25.3169



70.4653, -29.2302, -75.6875



70.4653, 63.4278, -27.6931



70.4653, 25.9277, 39.5344

Rectangle

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



70.4639, -52.5267, 25.3164



70.4653, -52.9151, -26.1077



70.4653, 63.4278, -27.6931



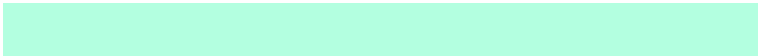
70.4653, 64.1703, 24.5755

Sweetspot

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



70.4653, -52.5274, 25.3169



92.9730, -32.6785, 11.6299



70.8715, -53.0382, 42.7417



42.6491, -16.6179, 5.8554

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4653, -52.5274, 25.3169



85.9092, -64.1762, 31.1591



66.6427, -31.1367, -16.0815



37.4425, -5.5943, 2.7397



54.8016, -40.7191, 19.4036



13.5188, -9.6314, 3.8941

Inverse Universe

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



38.6901, 67.9928, 11.5331



47.1476, 82.7968, 14.5348



38.3725, 62.8491, 24.7444



35.3591, 1.8701, 1.3077



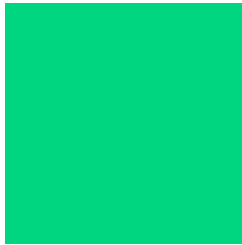
30.1108, 52.9788, 8.5024



7.5033, 13.4068, 0.5295

Previews

White Background



This preview shows how the HunterLab color 70.4639, -52.5267, 25.3164 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 70.4639, -52.5267, 25.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

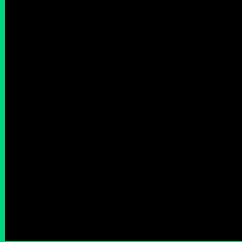
Any Text WCAG AA ✓ Pass

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 70.4639, -52.5267, 25.3164 Background



This preview shows how black text looks on a background with the HunterLab color 70.4639, -52.5267, 25.3164.



This preview shows how white text looks on a background with the HunterLab color 70.4639, -52.5267, 25.3164.

-52.5267, 25.3164.

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

70.4639, -52.5267, 25.3164

Protanopia

69.6698, -6.8411, 28.4882

Deuteranopia

69.7699, 4.7428, 23.2811



Tritanopia

70.3554, -28.1930, -14.2016

Trichromacy



Original Color

70.4639, -52.5267, 25.3164



Protanomaly

67.4740, -32.7783, 25.1083



Deuteranomaly

66.6664, -26.9376, 20.8729



Tritanomaly

69.9225, -39.1478, 2.5359

Monochromacy



Original Color

70.4639, -52.5267, 25.3164



Achromatopsia

51.2104, -2.7325, 2.7824



Achromatomaly

56.1595, -27.1375, 9.5391

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4639, -52.5267, 25.3164 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, 214, 128)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 128)  
}
```

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, 214, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4639, -52.5267, 25.3164 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, 214, 128) }
```


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

```
.border{ border-color:rgb(0, 214, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 214, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 128);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4639, -52.5267, 25.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 128) }
```

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

```
.background{ background-color: rgb(0, 214,  
128) }
```

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