

Converting Colors

HunterLab(68.3806, -63.1789,
28.2102)

Have a look what the booklet for
HunterLab(68.3806, -63.1789,
28.2102) contains.

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Color

**HunterLab(70.5171,
-54.7690, 30.0903)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00D76E |
| RGB | 0, 215, 110 |
| RGB Percent | 0%, 84%, 43% |
| CMY | 1.0000, 0.1568, 0.5686 |
| CMYK | 1.00, 0.00, 0.49, 0.16 |
| HSL | 151°, 100%, 42% |
| HSV | 151°, 100%, 84% |
| XYZ | 27.1149, 49.7266, 22.9209 |
| YIQ | 138.7450, -94.4350, -78.2350 |

Conversions

Conversions Part 2

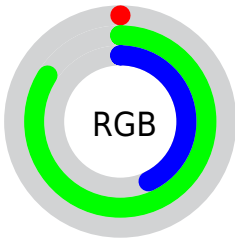
| Format | Color |
|-------------------------------------|---|
| RYB | 0, 142, 215 |
| Decimal | 55150 |
| CIELab | 75.90, -66.98, 39.48 |
| CIELCh | 76, 77.744, 149.485 |
| Yxy | 49.7286, 0.2718, 0.4984 |
| Android (android.graphics.Color) | 4278245230 (0xFF00D76E) |
| YUV | 138.7450, -14.1713, -121.6794 |
| Hunter-Lab | 70.5171, -54.7690, 30.0903 |

Details

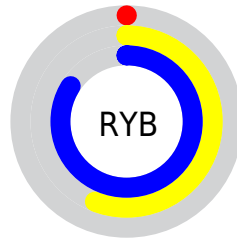
The HunterLab color **70.5171, -54.7690, 30.0903** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **39.3294, 69.9450, 5.3066**, and the grayscale version is **50.7941, -2.7102, 2.7597**.

A 20% lighter version of the original color is **87.8451, -55.7942, 29.7661**, and **50.1119, -40.7214, 25.2703** is the 20% darker color. If you saturate the color by 10%, you get **70.5184, -54.7705, 30.0920**, and if you desaturate by 10%, it is **70.8069, -53.2188, 27.6856**.

Distribution



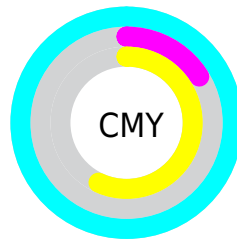
- Red (0%)
- Green (84%)
- Blue (43%)



- Red (0%)
- Yellow (56%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (49%)
- Black (16%)





- Cyan (100%)
- Magenta (16%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.5171, -54.7690, 30.0903 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 70.5171, -54.7690, 30.0903 by changing the saturation by 10% instead.


 70.5171, -54.7690,
30.0903

 70.5171, -54.7690,
30.0903


196.3680,
-88.7798, 52.7854


 59.3277, -50.2761,
27.2073


 94.7484, -63.1565,
35.5446


 48.8009, -45.5197,
24.1860


 107.7287,
-67.1155, 38.1515

 38.9829, -40.4315,
20.9915


 121.2529,
-70.9502, 40.6964

 29.9291, -34.9130,
17.5779

 135.2999,
-74.6785, 43.1894

 21.7106, -28.8195,
14.2077

 149.8511,
-78.3146, 45.6385

 14.4227, -24.7660,
10.0959

164.8895,

 8.0835, -14.1461,

-81.8706, 48.0507

5.6585

180.3997,
-85.3562, 50.4314

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5171, -54.7690,
30.0903

■ 70.5171, -54.7690,
30.0903

■ 70.5184, -54.7705,
30.0920

■ 70.8069, -53.2188,
27.6856


■ 71.2428, -51.0249,
25.1349


■ 71.8666, -48.0381,
22.4906


■ 72.6973, -44.2078,
19.7926


■ 73.7476, -39.5189,

17.0798

 75.0255, -33.9853,
14.3895

 76.5348, -27.6447,
11.7560

 78.2754, -20.5527,
9.2099

 80.2446, -12.7773,
6.7770

Harmonies

Analogous

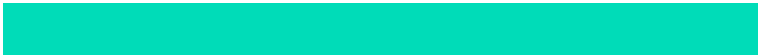
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.5185, -35.1964, 40.8029



70.5171, -54.7690, 30.0903



70.5185, -61.2862, 4.4382

Triad

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



70.5185, -54.7697, 30.0907



70.5185, -4.3985, -101.4204



70.5185, 68.6245, 29.4965

Complementary

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



70.5171, -54.7690, 30.0903



39.3294, 69.9450, 5.3066

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.



70.5185, 81.4008, 3.2335



70.5171, -54.7690, 30.0903



70.5185, 34.3618, -82.9523

Square

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



70.5185, -54.7697, 30.0907



70.5185, -36.0884, -81.7294



70.5185, 67.7578, -39.3673



70.5185, 35.6843, 40.6037

Rectangle

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



70.5171, -54.7690, 30.0903



70.5185, -58.6452, -22.3708



70.5185, 67.7578, -39.3673



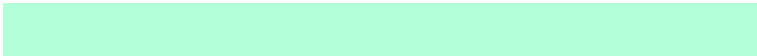
70.5185, 75.6857, 22.7317

Sweetspot

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



70.5185, -54.7697, 30.0907



92.7832, -33.7762, 14.3541



71.9445, -50.4134, 43.4490



42.5509, -17.1895, 7.2656

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.5185, -54.7697, 30.0907



85.5243, -66.5578, 36.7812



73.1500, -38.7804, -7.7149



37.4179, -5.7318, 3.0920



54.5564, -42.2355, 22.9836



13.4608, -9.9880, 4.7364

Inverse Universe

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



39.3294, 69.9450, 5.3066



47.6749, 84.7258, 6.9223



38.0104, 65.0923, 24.5608



35.3849, 2.0082, 0.9414



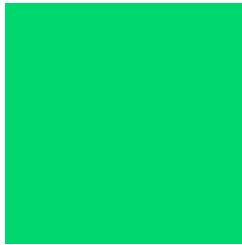
30.4507, 54.2212, 3.6039



7.5893, 13.7187, -0.6914

Previews

White Background



This preview shows how the HunterLab color 70.5171, -54.7690, 30.0903 looks on a white background.

Color Contrast Check

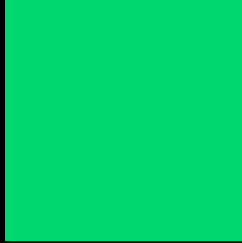
Large Text (above 18pt) WCAG AA × Fail

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 70.5171, -54.7690, 30.0903 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 70.5171, -54.7690, 30.0903 Background



This preview shows how black text looks on a background with the HunterLab color 70.5171, -54.7690, 30.0903.



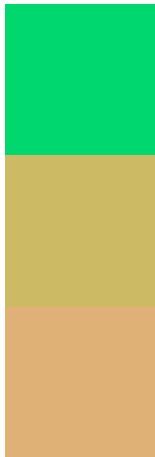
This preview shows how white text looks on a background with the HunterLab color 70.5171, -54.7690, 30.0903.

-54.7690, 30.0903.

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

70.5171, -54.7690, 30.0903

Protanopia

69.9109, -8.0579, 32.7127

Deuteranopia

69.6162, 5.0498, 28.1216



Tritanopia

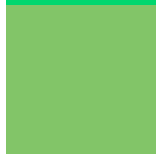
70.4416, -27.9386, -13.4916

Trichromacy



Original Color

70.5171, -54.7690, 30.0903



Protanomaly

67.5854, -34.6283, 29.5503



Deuteranomaly

66.5382, -28.0787, 25.7859



Tritanomaly

69.7211, -40.4295, 5.9869

Monochromacy



Original Color

70.5171, -54.7690, 30.0903



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

55.9202, -28.4667, 12.3066

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.5171, -54.7690, 30.0903 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, 215, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 110)  
}
```

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, 215, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 70.5171, -54.7690, 30.0903 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, 215, 110) }
```


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

```
.border{ border-color:rgb(0, 215, 110) }
```

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

Here you see how a box with a 4 pixel rgb(0, 215, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.5171, -54.7690, 30.0903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 110) }
```

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

```
.background{ background-color: rgb(0, 215,  
110) }
```

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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