

Converting Colors

HunterLab(66.3601, -53.9108,
33.4336)

Have a look what the booklet for
HunterLab(66.3601, -53.9108,
33.4336) contains.

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Color

**HunterLab(66.4926,
-54.0642, 33.5990)**

Conversions

Conversions Part 1

Format	Color
Hex	00CD4E
RGB	0, 205, 78
RGB Percent	0%, 80%, 31%
CMY	1.0000, 0.1961, 0.6941
CMYK	1.00, 0.00, 0.62, 0.20
HSL	143°, 100%, 40%
HSV	143°, 100%, 80%
XYZ	23.2064, 44.2127, 14.5185
YIQ	129.2270, -81.4130, -82.9570

Conversions

Conversions Part 2

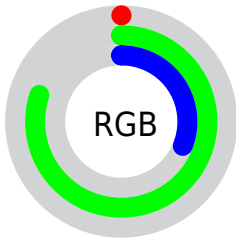
Format	Color
RYB	0, 148, 205
Decimal	52558
CIELab	72.37, -68.40, 50.19
CIELCh	72, 84.837, 143.732
Yxy	44.2145, 0.2832, 0.5396
Android (android.graphics.Color)	4278242638 (0xFF00CD4E)
YUV	129.2270, -25.2549, -113.3321
Hunter-Lab	66.4926, -54.0642, 33.5990

Details

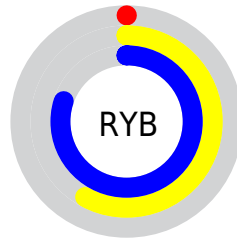
The HunterLab color **66.4926, -54.0642, 33.5990** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **38.0948, 69.2604, -6.5656**, and the grayscale version is **47.0634, -2.5112, 2.5570**.

A 20% lighter version of the original color is **87.2022, -59.5687, 38.0911**, and **46.4250, -39.3640, 26.9483** is the 20% darker color. If you saturate the color by 10%, you get **66.4939, -54.0652, 33.5997**, and if you desaturate by 10%, it is **66.7597, -52.6415, 31.4847**.

Distribution



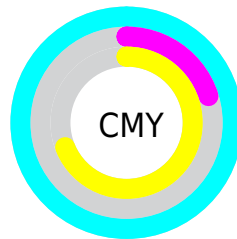
- Red (0%)
- Green (80%)
- Blue (31%)



- Red (0%)
- Yellow (58%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (62%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.4926, -54.0642, 33.5990 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 66.4926, -54.0642, 33.5990 by changing the saturation by 10% instead.

■ 66.4926, -54.0642,
33.5990

■ 66.4926, -54.0642,
33.5990

190.6785,
-89.0722, 61.3429

■ 55.5330, -49.3914,
29.9689

■ 90.2997, -62.7492,
40.4009

■ 45.2509, -44.4256,
26.1432

■ 103.0824,
-66.8342, 43.6207

■ 35.6957, -39.0877,
22.0834

■ 116.4170,
-70.7837, 46.7446

■ 26.9277, -33.2634,
17.9832

■ 130.2817,
-74.6172, 49.7866

■ 19.0252, -26.8743,
13.3176

■ 144.6569,
-78.3509, 52.7586

■ 12.0959, -21.1679,
8.4671

159.5251,

■ 5.1240, -8.9670,

-81.9977, 55.6702

3.5868

174.8704,
-85.5685, 58.5293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4926, -54.0642,
33.5990

■ 66.4926, -54.0642,
33.5990

■ 66.4939, -54.0652,
33.5997

■ 66.7597, -52.6415,
31.4847

■ 67.1738, -50.5500,
29.0872

■ 67.7760, -47.6403,
26.4472

■ 68.5844, -43.8651,
23.5980

■ 69.6110, -39.2132,

20.5763

■ 70.8630, -33.7031,
17.4215

■ 72.3435, -27.3773,
14.1735

■ 74.0518, -20.2965,
10.8713

■ 75.9847, -12.5336,
7.5510

Harmonies

Analogous

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



66.4940, -31.2497, 41.4867



66.4926, -54.0642, 33.5990



66.4940, -63.1141, 10.9817

Triad

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



66.4940, -54.0650, 33.5993



66.4940, -11.5826, -114.3825



66.4940, 80.4762, 26.4937

Complementary

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



66.4926, -54.0642, 33.5990



38.0948, 69.2604, -6.5656

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.



66.4940, 89.1867, -4.6947



66.4926, -54.0642, 33.5990



66.4940, 29.5851, -101.1636

Square

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



66.4940, -54.0650, 33.5993



66.4940, -42.5248, -84.0293



66.4940, 68.7880, -54.3034



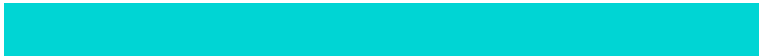
66.4940, 47.1715, 39.3619

Rectangle

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



66.4926, -54.0642, 33.5990



66.4940, -62.0745, -15.7506



66.4940, 68.7880, -54.3034



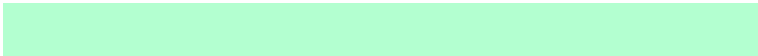
66.4940, 86.6552, 18.4900

Sweetspot

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



66.4940, -54.0650, 33.5993



92.5089, -35.3667, 18.3005



69.5682, -42.1699, 42.1292



42.4102, -18.0110, 9.2924

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.4940, -54.0650, 33.5993



85.0785, -69.3314, 43.3258



68.4584, -42.0096, 5.1199



35.5055, -5.6183, 3.4289



52.4798, -42.5550, 26.2690



11.9812, -9.2837, 5.0655

Inverse Universe

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



38.0948, 69.2604, -6.5656



48.7112, 88.4854, -7.7947



36.1392, 62.1122, 21.6213



33.6579, 2.0849, 0.3693



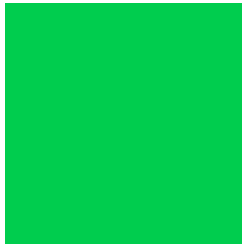
30.0881, 54.7603, -5.6236



6.9392, 12.8159, -2.7425

Previews

White Background



This preview shows how the HunterLab color 66.4926, -54.0642, 33.5990 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 66.4926, -54.0642, 33.5990 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 66.4926, -54.0642, 33.5990 Background



This preview shows how black text looks on a background with the HunterLab color 66.4926, -54.0642, 33.5990.



This preview shows how white text looks on a background with the HunterLab color 66.4926, -54.0642, 33.5990.

-54.0642, 33.5990.

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

66.4926, -54.0642, 33.5990

Protanopia

65.7485, -8.1046, 35.1469

Deuteranopia

65.8221, 4.4712, 32.1243



Tritanopia

66.3680, -25.4674, -12.8605

Trichromacy



Original Color

66.4926, -54.0642, 33.5990



Protanomaly

63.5466, -34.1556, 32.6780



Deuteranomaly

62.4676, -27.9369, 29.8460



Tritanomaly

65.7539, -39.5597, 9.4211

Monochromacy



Original Color

66.4926, -54.0642, 33.5990



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

51.9938, -27.9879, 14.7264

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.4926, -54.0642, 33.5990 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, 205, 78)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 78)  
}
```

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, 205, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 66.4926, -54.0642, 33.5990 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, 205, 78) }
```


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

```
.border{ border-color:rgb(0, 205, 78) }
```

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

Here you see how a box with a 4 pixel rgb(0, 205, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 78);  
box-shadow:4px 4px 4px 4px rgb(0, 205, 78)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 66.4926, -54.0642, 33.5990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 78) }
```

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

```
.background{ background-color: rgb(0, 205,  
78) }
```

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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