

Converting Colors

HunterLab(64.9991, -54.2788,
35.9291)

Have a look what the booklet for
HunterLab(64.9991, -54.2788,
35.9291) contains.

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Color

**HunterLab(64.8380,
-54.1321, 35.8138)**

Conversions

Conversions Part 1

Format	Color
Hex	00C936
RGB	0, 201, 54
RGB Percent	0%, 79%, 21%
CMY	1.0000, 0.2118, 0.7882
CMYK	1.00, 0.00, 0.73, 0.21
HSL	136°, 100%, 39%
HSV	136°, 100%, 79%
XYZ	21.5525, 42.0397, 10.4686
YIQ	124.1430, -72.6090, -88.3290

Conversions

Conversions Part 2

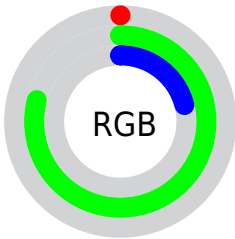
Format	Color
RYB	0, 158, 201
Decimal	51510
CIELab	70.90, -69.66, 58.20
CIELCh	71, 90.775, 140.122
Yxy	42.0414, 0.2910, 0.5676
Android (android.graphics.Color)	4278241590 (0xFF00C936)
YUV	124.1430, -34.5805, -108.8734
Hunter-Lab	64.8380, -54.1321, 35.8138

Details

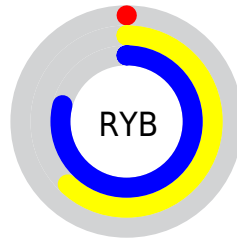
The HunterLab color **64.8380, -54.1321, 35.8138** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **38.1113, 70.7937, -18.2206**, and the grayscale version is **45.1034, -2.4066, 2.4506**.

A 20% lighter version of the original color is **86.8952, -61.4479, 42.5969**, and **45.0009, -38.5883, 27.0538** is the 20% darker color. If you saturate the color by 10%, you get **64.8393, -54.1331, 35.8143**, and if you desaturate by 10%, it is **65.0775, -52.8753, 34.0888**.

Distribution



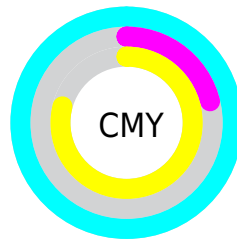
- Red (0%)
- Green (79%)
- Blue (21%)



- Red (0%)
- Yellow (62%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (21%)



- Cyan (100%)
- Magenta (21%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8380, -54.1321, 35.8138 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 64.8380, -54.1321, 35.8138 by changing the saturation by 10% instead.

■ 64.8380, -54.1321,
35.8138

■ 64.8380, -54.1321,
35.8138

188.3227,
-89.8728, 67.4125

■ 53.9756, -49.3362,
31.6297

■ 88.4660, -63.0265,
43.6321

■ 43.7972, -44.2300,
27.2201

■ 101.1653,
-67.2026, 47.3186

■ 34.3538, -38.7288,
22.5617

■ 114.4202,
-71.2361, 50.8851

■ 25.7078, -32.7099,
17.9954

■ 128.2081,
-75.1479, 54.3482

■ 17.9408, -26.4365,
12.5586

■ 142.5093,
-78.9549, 57.7218

■ 11.1668, -19.5419,
7.8167

157.3059,

■ 3.1555, -5.5222,

-82.6708, 61.0174

2.2089

172.5820,
-86.3069, 64.2449

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.8380, -54.1321,
35.8138

■ 64.8380, -54.1321,
35.8138

■ 64.8393, -54.1331,
35.8143

■ 65.0775, -52.8753,
34.0888

■ 65.4683, -50.9123,
31.9641

■ 66.0522, -48.0881,
29.4635

■ 66.8476, -44.3532,
26.6090

■ 67.8666, -39.6964,

23.4315

■ 69.1163, -34.1384,
19.9691

■ 70.5996, -27.7258,
16.2648

■ 72.3155, -20.5245,
12.3641

■ 74.2601, -12.6130,
8.3121

Harmonies

Analogous

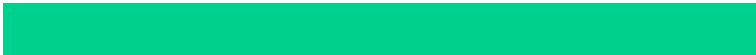
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.8393, -28.7478, 42.0336



64.8380, -54.1321, 35.8138



64.8393, -64.9414, 15.2712

Triad

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



64.8393, -54.1329, 35.8141



64.8393, -16.6205, -125.0652



64.8393, 90.0188, 24.6270

Complementary

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



64.8380, -54.1321, 35.8138



38.1113, 70.7937, -18.2206

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.



64.8393, 95.6398, -10.9254



64.8380, -54.1321, 35.8138



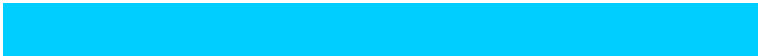
64.8393, 26.4096, -116.2549

Square

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



64.8393, -54.1329, 35.8141



64.8393, -47.1866, -86.2114



64.8393, 70.0367, -66.6526



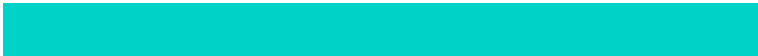
64.8393, 56.1957, 38.9761

Rectangle

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



64.8380, -54.1321, 35.8138



64.8393, -64.9070, -11.3165



64.8393, 70.0367, -66.6526



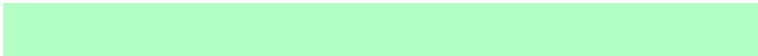
64.8393, 95.5487, 15.5276

Sweetspot

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



64.8393, -54.1329, 35.8141



92.2877, -36.6529, 21.4915



69.2931, -36.2736, 42.0630



42.2979, -18.6691, 10.9156

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.8393, -54.1329, 35.8141



84.8196, -70.9498, 47.1432



66.4165, -44.3928, 12.8166



34.5455, -5.6184, 3.7410



51.4258, -42.8432, 28.2084



11.2458, -8.9760, 5.3204

Inverse Universe

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



38.1113, 70.7937, -18.2206



49.8257, 92.4848, -23.2819



35.5282, 61.4181, 18.4967



32.8117, 2.1857, -0.0810



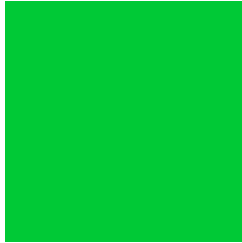
30.2458, 56.2284, -14.8089



6.6690, 12.5465, -4.4159

Previews

White Background



This preview shows how the HunterLab color 64.8380, -54.1321, 35.8138 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 64.8380, -54.1321, 35.8138 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 64.8380, -54.1321, 35.8138 Background



This preview shows how black text looks on a background with the HunterLab color 64.8380, -54.1321, 35.8138.



This preview shows how white text looks on a background with the HunterLab color 64.8380, -54.1321, 35.8138.

-54.1321, 35.8138.

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

64.8380, -54.1321, 35.8138

Protanopia

64.0685, -8.3163, 36.8444

Deuteranopia

64.2374, 4.4324, 34.6127



Tritanopia

64.8978, -24.6482, -12.0596

Trichromacy



Original Color

64.8380, -54.1321, 35.8138



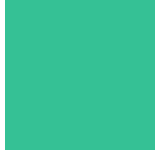
Protanomaly

61.8936, -34.2602, 34.6481



Deuteranomaly

60.8584, -27.9768, 32.4294



Tritanomaly

64.0833, -39.8276, 12.4836

Monochromacy



Original Color

64.8380, -54.1321, 35.8138



Achromatopsia

44.8950, -2.3955, 2.4392



Achromatomaly

50.0196, -27.9214, 16.3409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8380, -54.1321, 35.8138 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, 201, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 201, 54)  
}
```

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, 201, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 201, 54) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8380, -54.1321, 35.8138 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, 201, 54) }
```


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

```
.border{ border-color:rgb(0, 201, 54) }
```

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

Here you see how a box with a 4 pixel rgb(0, 201, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 201, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 201, 54);  
box-shadow:4px 4px 4px 4px rgb(0, 201, 54)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 64.8380, -54.1321, 35.8138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 201, 54) }
```

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

```
.background{ background-color: rgb(0, 201,  
54) }
```

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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