

Converting Colors

HunterLab(67.3230, -56.3606,
37.5184)

Have a look what the booklet for
HunterLab(67.3230, -56.3606,
37.5184) contains.

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Color

**HunterLab(67.3564,
-56.3957, 37.5526)**

Conversions

Conversions Part 1

Format	Color
Hex	00D035
RGB	0, 208, 53
RGB Percent	0%, 82%, 21%
CMY	1.0000, 0.1843, 0.7921
CMYK	1.00, 0.00, 0.75, 0.18
HSL	135°, 100%, 41%
HSV	135°, 100%, 82%
XYZ	23.1985, 45.3688, 10.9025
YIQ	128.1380, -74.2130, -92.3010

Conversions

Conversions Part 2

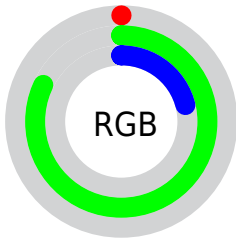
Format	Color
RYB	0, 166, 208
Decimal	53301
CIELab	73.14, -71.73, 60.81
CIElCh	73, 94.033, 139.711
Yxy	45.3707, 0.2919, 0.5709
Android (android.graphics.Color)	4278243381 (0xFF00D035)
YUV	128.1380, -37.0430, -112.3770
Hunter-Lab	67.3564, -56.3957, 37.5526

Details

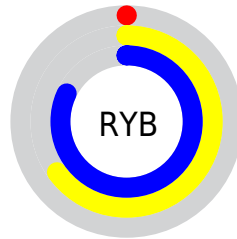
The HunterLab color **67.3564, -56.3957, 37.5526** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **39.7205, 73.9800, -20.5195**, and the grayscale version is **46.6785, -2.4906, 2.5361**.

A 20% lighter version of the original color is **86.9640, -61.1636, 42.6521**, and **47.3883, -40.6354, 28.4890** is the 20% darker color. If you saturate the color by 10%, you get **67.3577, -56.3968, 37.5532**, and if you desaturate by 10%, it is **67.5977, -55.1300, 35.8202**.

Distribution



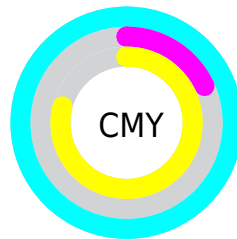
- Red (0%)
- Green (82%)
- Blue (21%)



- Red (0%)
- Yellow (65%)
- Blue (82%)



- Cyan (100%)
- Magenta (0%)
- Yellow (75%)
- Black (18%)





- Cyan (100%)
- Magenta (18%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.3564, -56.3957, 37.5526 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 67.3564, -56.3957, 37.5526 by changing the saturation by 10% instead.


 67.3564, -56.3957,
37.5526


 67.3564, -56.3957,
37.5526


191.9044,
-92.8171, 70.1572


 56.3467, -51.5242,
33.2464


 91.2559, -65.4460,
45.6121


 46.0111, -46.3466,
28.7159


 104.0816,
-69.7001, 49.4161

 36.3985, -40.7824,
23.9342


 117.4575,
-73.8109, 53.0974

 27.5679, -34.7159,
19.2975

 131.3618,
-77.7991, 56.6725

 19.5960, -28.0681,
13.7172

 145.7753,
-81.6812, 60.1552

 12.5876, -22.0283,
8.8113

160.6804,

 5.8915, -10.3102,

-85.4711, 63.5573

4.1241

176.0615,
-89.1798, 66.8885

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.3564, -56.3957,
37.5526

■ 67.3564, -56.3957,
37.5526

■ 67.3577, -56.3968,
37.5532

■ 67.5977, -55.1300,
35.8202

■ 67.9983, -53.1183,
33.6559

■ 68.6014, -50.2010,
31.0808

■ 69.4262, -46.3248,
28.1158

■ 70.4857, -41.4770,

24.7919

■ 71.7876, -35.6792,
21.1484

■ 73.3347, -28.9804,
17.2306

■ 75.1261, -21.4502,
13.0869

■ 77.1576, -13.1719,
8.7659

Harmonies

Analogous

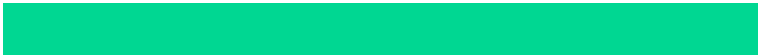
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.3578, -29.6257, 43.8364



67.3564, -56.3957, 37.5526



67.3578, -67.8713, 16.4224

Triad

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



67.3578, -56.3966, 37.5529



67.3578, -17.9397, -131.6391



67.3578, 94.9927, 25.4139

Complementary

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



67.3564, -56.3957, 37.5526



39.7205, 73.9800, -20.5195

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.



67.3578, 100.4385, -12.2059



67.3564, -56.3957, 37.5526



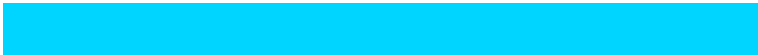
67.3578, 27.1025, -123.0712

Square

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



67.3578, -56.3966, 37.5529



67.3578, -49.7225, -90.0571



67.3578, 73.0994, -71.0647



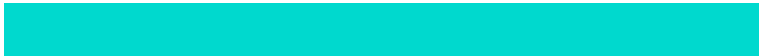
67.3578, 59.7020, 40.5560

Rectangle

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



67.3564, -56.3957, 37.5526



67.3578, -67.9561, -11.2342



67.3578, 73.0994, -71.0647



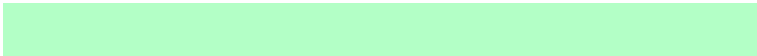
67.3578, 100.6652, 15.7882

Sweetspot

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



67.3578, -56.3966, 37.5529



92.2611, -36.8078, 21.8758



72.2371, -36.7957, 43.8679



42.2845, -18.7479, 11.1099

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.3578, -56.3966, 37.5529



84.7947, -71.1057, 47.5108



68.9304, -46.6756, 14.6023



36.4074, -5.9665, 4.0081



53.1881, -44.4437, 29.4608



12.6288, -10.1850, 6.2017

Inverse Universe

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



39.7205, 73.9800, -20.5195



49.9787, 93.0303, -25.3810



36.9574, 63.9610, 18.6799



34.5766, 2.3527, -0.1570



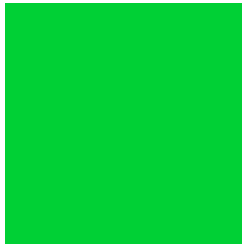
31.3833, 58.4965, -16.5555



7.5042, 14.1279, -5.0482

Previews

White Background



This preview shows how the HunterLab color 67.3564, -56.3957, 37.5526 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 67.3564, -56.3957, 37.5526 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 67.3564, -56.3957, 37.5526 Background



This preview shows how black text looks on a background with the HunterLab color 67.3564, -56.3957, 37.5526.



This preview shows how white text looks on a background with the HunterLab color 67.3564, -56.3957, 37.5526.

-56.3957, 37.5526.

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

67.3564, -56.3957, 37.5526

Protanopia

66.5655, -8.6543, 38.6545

Deuteranopia

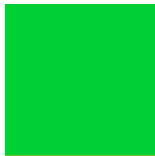
66.5754, 5.0989, 36.2424



Tritanopia

67.2422, -25.3942, -12.7722

Trichromacy



Original Color

67.3564, -56.3957, 37.5526



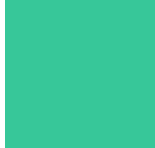
Protanomaly

64.1254, -35.7161, 36.3030



Deuteranomaly

63.1574, -29.0859, 33.9934



Tritanomaly

66.3016, -41.3214, 13.1814

Monochromacy



Original Color

67.3564, -56.3957, 37.5526



Achromatopsia

46.4608, -2.4790, 2.5243



Achromatomaly

51.7715, -29.2310, 17.2897

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.3564, -56.3957, 37.5526 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, 208, 53)` looks like.

```
.text, #text, p{  
    color:rgb(0, 208, 53)  
}
```

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, 208, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 208, 53) }
```

Border

The CSS property to change the border of an element to HunterLab 67.3564, -56.3957, 37.5526 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, 208, 53) }
```


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

```
.border{ border-color:rgb(0, 208, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 208, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 208, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 208, 53);  
box-shadow:4px 4px 4px 4px rgb(0, 208, 53)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 67.3564, -56.3957, 37.5526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 208, 53) }
```

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

```
.background{ background-color: rgb(0, 208,  
53) }
```

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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