

Converting Colors

HunterLab(66.6302, -56.0172,
38.7401)

Have a look what the booklet for
HunterLab(66.6302, -56.0172,
38.7401) contains.

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Color

**HunterLab(66.6233,
-56.0146, 38.7256)**

Conversions

Conversions Part 1

Format	Color
Hex	12CE22
RGB	18, 206, 34
RGB Percent	7%, 81%, 13%
CMY	0.9294, 0.1921, 0.8666
CMYK	0.91, 0.00, 0.83, 0.19
HSL	125°, 84%, 44%
HSV	125°, 91%, 81%
XYZ	22.6094, 44.3866, 8.8891
YIQ	130.1800, -56.8360, -93.3480

Conversions

Conversions Part 2

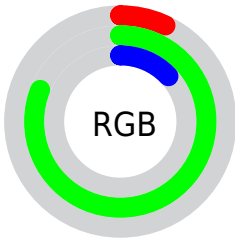
Format	Color
RYB	18, 191, 206
Decimal	1232418
CIELab	72.49, -71.60, 65.80
CIELCh	72, 97.244, 137.418
Yxy	44.3885, 0.2979, 0.5849
Android (android.graphics.Color)	4279422498 (0xFF12CE22)
YUV	130.1800, -47.4167, -98.3819
Hunter-Lab	66.6233, -56.0146, 38.7256

Details

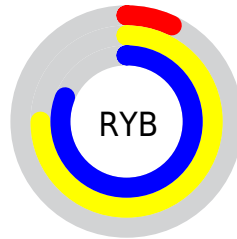
The HunterLab color **66.6233, -56.0146, 38.7256** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **41.5601, 77.4423, -42.5285**, and the grayscale version is **47.5160, -2.5353, 2.5816**.

A 20% lighter version of the original color is **86.9573, -61.4897, 44.9609**, and **46.7041, -40.0487, 28.0777** is the 20% darker color. If you saturate the color by 10%, you get **66.4729, -56.7740, 39.4733**, and if you desaturate by 10%, it is **66.9504, -54.4206, 37.3346**.

Distribution



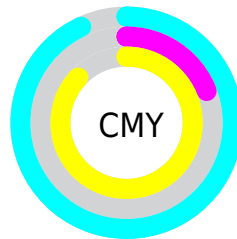
- Red (7%)
- Green (81%)
- Blue (13%)



- Red (7%)
- Yellow (75%)
- Blue (81%)



- Cyan (91%)
- Magenta (0%)
- Yellow (83%)
- Black (19%)



- Cyan (93%)
- Magenta (19%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.6233, -56.0146, 38.7256 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 66.6233, -56.0146, 38.7256 by changing the saturation by 10% instead.

■ 66.6233, -56.0146,
38.7256

■ 66.6233, -56.0146,
38.7256

190.8641,
-92.4535, 73.7309

■ 55.6561, -51.1336,
34.0869

■ 90.4445, -65.0765,
47.4076

■ 45.3658, -45.9427,
29.2140

■ 103.2336,
-69.3339, 51.5010

■ 35.8019, -40.3598,
24.1982

■ 116.5746,
-73.4469, 55.4582

■ 27.0244, -34.2664,
18.9171

■ 130.4453,
-77.4363, 59.2968

■ 19.1113, -27.6703,
13.3779

■ 144.8263,
-81.3190, 63.0316

■ 12.1700, -21.2976,
8.5190

■ 159.7001,

■ 5.2476, -9.1833,

-85.1088, 66.6753

3.6733

175.0508,
-88.8171, 70.2387

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.6233, -56.0146,
38.7256

■ 66.6233, -56.0146,
38.7256

■ 66.4729, -56.7740,
39.4733

■ 66.9504, -54.4206,
37.3346


■ 67.4865, -51.8509,
35.3357


■ 68.2559, -48.2306,
32.7059


■ 69.2743, -43.5324,
29.4464


■ 70.5509, -37.7708,

25.5799

 72.0897, -30.9950,
21.1470

 73.8902, -23.2800,
16.2015

 75.9479, -14.7190,
10.8051

 78.2554, -5.4142,
5.0227

Harmonies

Analogous

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



66.6247, -27.5144, 44.0498



66.6233, -56.0146, 38.7256



66.6247, -68.6844, 19.1695

Triad

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



66.6247, -56.0155, 38.7258



66.6247, -21.3648, -136.9331



66.6247, 100.6296, 23.8476

Complementary

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



66.6233, -56.0146, 38.7256



41.5601, 77.4423, -42.5285

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.



66.6247, 103.5618, -16.8912



66.6233, -56.0146, 38.7256



66.6247, 24.3480, -132.2466

Square

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



66.6247, -56.0155, 38.7258



66.6247, -52.5472, -89.7992



66.6247, 72.8003, -79.4749



66.6247, 65.6146, 40.2095

Rectangle

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



66.6233, -56.0146, 38.7256



66.6247, -69.4435, -7.8904



66.6247, 72.8003, -79.4749



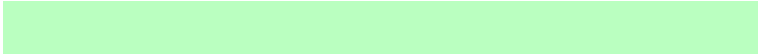
66.6247, 105.6778, 13.3957

Sweetspot

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



66.6247, -56.0155, 38.7258



92.6198, -35.7313, 24.5182



74.2823, -25.4619, 44.8699



42.4985, -18.0503, 12.3224

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.6247, -56.0155, 38.7258



84.6031, -72.3074, 50.3443



67.6925, -49.3847, 23.0601



35.4291, -6.0455, 4.5235



52.1667, -44.5138, 30.8888



11.8718, -9.9655, 6.6738

Inverse Universe

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



41.5601, 77.4423, -42.5285



52.1149, 100.5683, -54.0754



37.9548, 64.3107, 7.1000



33.7441, 2.5464, -0.8545



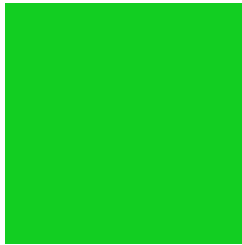
32.1482, 62.0693, -33.6016



7.3358, 14.2164, -8.0780

Previews

White Background



This preview shows how the HunterLab color 66.6233, -56.0146, 38.7256 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 66.6233, -56.0146, 38.7256 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 66.6233, -56.0146, 38.7256 Background



This preview shows how black text looks on a background with the HunterLab color 66.6233, -56.0146, 38.7256.



This preview shows how white text looks on a background with the HunterLab color 66.6233, -56.0146, 38.7256.

-56.0146, 38.7256.

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

66.6233, -56.0146, 38.7256

Protanopia

66.0765, -9.0311, 39.6810

Deuteranopia

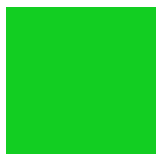
65.7917, 5.1289, 37.3731



Tritanopia

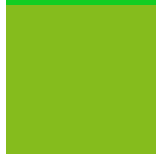
66.5060, -25.0163, -12.0837

Trichromacy



Original Color

66.6233, -56.0146, 38.7256



Protanomaly

64.0638, -34.4360, 37.7972



Deuteranomaly

62.8140, -27.3169, 35.6890



Tritanomaly

65.5517, -41.2290, 15.8057

Monochromacy



Original Color

66.6233, -56.0146, 38.7256



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

52.3486, -28.8275, 19.4903

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.6233, -56.0146, 38.7256 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(18, 206, 34)` looks like.

```
.text, #text, p{  
    color:rgb(18, 206, 34)  
}
```

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(18, 206, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 206, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 66.6233, -56.0146, 38.7256 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(18, 206, 34) }
```


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

```
.border{ border-color:rgb(18, 206, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 206, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 206, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 206, 34);  
box-shadow:4px 4px 4px 4px rgb(18, 206,  
34) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.6233, -56.0146, 38.7256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 206, 34) }
```

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

```
.background{ background-color: rgb(18, 206,  
34) }
```

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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