

Converting Colors

HunterLab(70.3359, -62.1956,
38.4375)

Have a look what the booklet for
HunterLab(70.3359, -62.1956,
38.4375) contains.

HunterLab(71.0567, -59.1838, 38.9460)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(71.0567,
-59.1838, 38.9460)**

Conversions

Conversions Part 1

Format	Color
Hex	00DA3E
RGB	0, 218, 62
RGB Percent	0%, 85%, 24%
CMY	1.0000, 0.1451, 0.7568
CMYK	1.00, 0.00, 0.72, 0.15
HSL	137°, 100%, 43%
HSV	137°, 100%, 85%
XYZ	25.9408, 50.4905, 12.9358
YIQ	135.0340, -79.8520, -94.7320

Conversions

Conversions Part 2

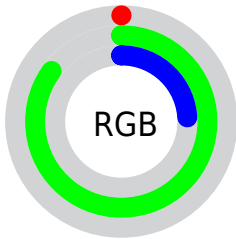
Format	Color
RYB	0, 170, 218
Decimal	55870
CIELab	76.37, -73.82, 60.94
CIELCh	76, 95.719, 140.459
Yxy	50.4926, 0.2903, 0.5650
Android (android.graphics.Color)	4278245950 (0xFF00DA3E)
YUV	135.0340, -36.0058, -118.4248
Hunter-Lab	71.0567, -59.1838, 38.9460

Details

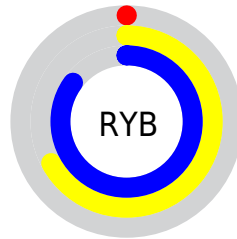
The HunterLab color **71.0567, -59.1838, 38.9460** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **41.6008, 77.0122, -17.8436**, and the grayscale version is **49.3977, -2.6357, 2.6839**.

A 20% lighter version of the original color is **87.1872, -60.0095, 41.0184**, and **50.4874, -43.2929, 30.3522** is the 20% darker color. If you saturate the color by 10%, you get **71.0582, -59.1847, 38.9464**, and if you desaturate by 10%, it is **71.3144, -57.8202, 37.0005**.

Distribution



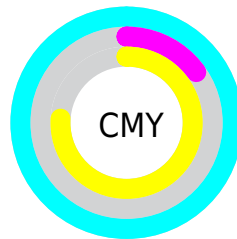
- Red (0%)
- Green (85%)
- Blue (24%)



- Red (0%)
- Yellow (67%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.0567, -59.1838, 38.9460 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 71.0567, -59.1838, 38.9460 by changing the saturation by 10% instead.


 71.0567, -59.1838,
38.9460


 71.0567, -59.1838,
38.9460


197.1267,
-96.1746, 71.3057


 59.8373, -54.2630,
34.6975


 95.3438, -68.3502,
46.9159


 49.2784, -49.0465,
30.2343


 108.3500,
-72.6671, 50.6854


 39.4261, -43.4602,
25.5272


 121.8991,
-76.8423, 54.3375

 30.3351, -37.3985,
20.9925

 135.9702,
-80.8956, 57.8879

 22.0755, -30.7101,
15.4529

 150.5445,
-84.8432, 61.3497

 14.7414, -25.7975,
10.3190

165.6053,

 8.3980, -14.6966,

-88.6985, 64.7339

5.8786

181.1373,
-92.4725, 68.0499

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.0567, -59.1838,
38.9460

■ 71.0567, -59.1838,
38.9460

■ 71.0582, -59.1847,
38.9464

■ 71.3144, -57.8202,
37.0005


■ 71.7394, -55.6787,
34.6325


■ 72.3756, -52.5970,
31.8696


■ 73.2436, -48.5193,
28.7381


■ 74.3571, -43.4319,

25.2732

 75.7240, -37.3567,
21.5175

 77.3477, -30.3443,
17.5183

 79.2271, -22.4667,
13.3252

 81.3581, -13.8099,
8.9868

Harmonies

Analogous

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



71.0582, -31.7052, 45.9154



71.0567, -59.1838, 38.9460



71.0582, -70.8189, 16.2568

Triad

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



71.0582, -59.1847, 38.9463



71.0582, -17.6401, -135.5978



71.0582, 97.3957, 27.1308

Complementary

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



71.0567, -59.1838, 38.9460



41.6008, 77.0122, -17.8436

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.



71.0582, 103.8863, -11.2524



71.0567, -59.1838, 38.9460



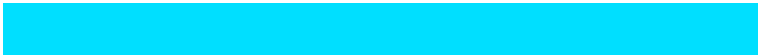
71.0582, 29.2225, -125.4555

Square

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



71.0582, -59.1847, 38.9463



71.0582, -51.1093, -94.0489



71.0582, 76.4568, -71.5060



71.0582, 60.4626, 42.6567

Rectangle

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



71.0567, -59.1838, 38.9460



71.0582, -70.6778, -12.8454



71.0582, 76.4568, -71.5060



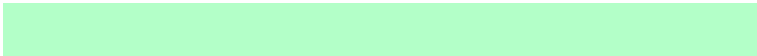
71.0582, 103.5160, 17.3045

Sweetspot

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



71.0582, -59.1847, 38.9463



92.3182, -36.4756, 21.0517



75.6547, -40.7836, 45.9040



42.3133, -18.5787, 10.6928

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.0582, -59.1847, 38.9463



84.8497, -70.7610, 46.6979



72.8535, -48.1067, 12.7882



38.2973, -6.2513, 4.1073



55.0138, -45.7179, 29.9292



14.0548, -11.3103, 6.8484

Inverse Universe

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



41.6008, 77.0122, -17.8436



49.6558, 91.8779, -20.9428



38.8757, 67.1084, 20.9903



36.3434, 2.4500, -0.0446



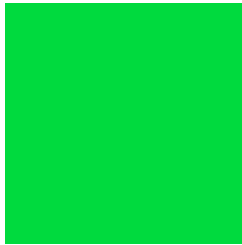
32.2292, 59.7150, -14.2245



8.2913, 15.5130, -4.8271

Previews

White Background



This preview shows how the HunterLab color 71.0567, -59.1838, 38.9460 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 71.0567, -59.1838, 38.9460 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 71.0567, -59.1838, 38.9460 Background



This preview shows how black text looks on a background with the HunterLab color 71.0567, -59.1838, 38.9460.



This preview shows how white text looks on a background with the HunterLab color 71.0567, -59.1838, 38.9460.

-59.1838, 38.9460.

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

71.0567, -59.1838, 38.9460

Protanopia

70.2583, -9.3082, 40.1847

Deuteranopia

70.0970, 5.5206, 37.3514



Tritanopia

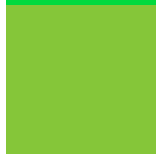
70.7128, -26.8296, -13.6692

Trichromacy



Original Color

71.0567, -59.1838, 38.9460



Protanomaly

67.5797, -37.4254, 37.5910



Deuteranomaly

66.6806, -30.4078, 35.1046



Tritanomaly

69.7323, -43.0516, 12.7535

Monochromacy



Original Color

71.0567, -59.1838, 38.9460



Achromatopsia

49.2221, -2.6264, 2.6743



Achromatomaly

54.7462, -30.5968, 17.8338

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.0567, -59.1838, 38.9460 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, 218, 62)` looks like.

```
.text, #text, p{  
    color:rgb(0, 218, 62)  
}
```

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, 218, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 218, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 71.0567, -59.1838, 38.9460 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, 218, 62) }
```


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

```
.border{ border-color:rgb(0, 218, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 218, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 218, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 218, 62);  
box-shadow:4px 4px 4px 4px rgb(0, 218, 62)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 71.0567, -59.1838, 38.9460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 218, 62) }
```

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

```
.background{ background-color: rgb(0, 218,  
62) }
```

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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