

Converting Colors

HunterLab(70.5787, -58.9195,
38.9730)

Have a look what the booklet for
HunterLab(70.5787, -58.9195,
38.9730) contains.

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Color

**HunterLab(70.6693,
-59.0038, 39.0417)**

Conversions

Conversions Part 1

Format	Color
Hex	00D93B
RGB	0, 217, 59
RGB Percent	0%, 85%, 23%
CMY	1.0000, 0.1490, 0.7686
CMYK	1.00, 0.00, 0.73, 0.15
HSL	136°, 100%, 43%
HSV	136°, 100%, 85%
XYZ	25.6023, 49.9415, 12.4280
YIQ	134.1050, -78.6140, -95.1420

Conversions

Conversions Part 2

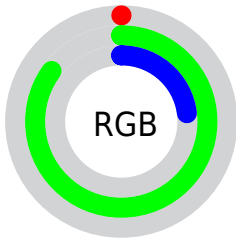
Format	Color
RYB	0, 171, 217
Decimal	55611
CIELab	76.03, -73.78, 61.66
CIELCh	76, 96.158, 140.115
Yxy	49.9436, 0.2910, 0.5677
Android (android.graphics.Color)	4278245691 (0xFF00D93B)
YUV	134.1050, -37.0268, -117.6101
Hunter-Lab	70.6693, -59.0038, 39.0417

Details

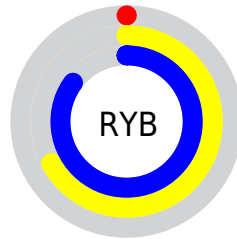
The HunterLab color **70.6693, -59.0038, 39.0417** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **41.4981, 77.0151, -19.2969**, and the grayscale version is **49.0332, -2.6163, 2.6641**.

A 20% lighter version of the original color is **87.1112, -60.4031, 41.5806**, and **50.1414, -42.9963, 30.1442** is the 20% darker color. If you saturate the color by 10%, you get **70.6707, -59.0048, 39.0421**, and if you desaturate by 10%, it is **70.9227, -57.6666, 37.1570**.

Distribution



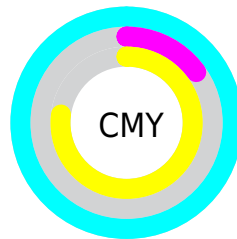
- Red (0%)
- Green (85%)
- Blue (23%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (73%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.6693, -59.0038, 39.0417 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 70.6693, -59.0038, 39.0417 by changing the saturation by 10% instead.


 70.6693, -59.0038,
39.0417

 70.6693, -59.0038,
39.0417


196.5821,
-96.0186, 71.7662


 59.4715, -54.0761,
34.7406


 94.9164, -68.1800,
47.1082


 48.9356, -48.8508,
30.2220


 107.9040,
-72.5004, 50.9220

 39.1079, -43.2528,
25.4580


 121.4352,
-76.6783, 54.6161

 30.0436, -37.1753,
20.9660

 135.4891,
-80.7339, 58.2064

 21.8134, -30.4654,
15.2694

 150.0468,
-84.6835, 61.7061

 14.5125, -25.3969,
10.1587

165.0915,

 8.1735, -14.3037,

-88.5403, 65.1265

5.7215

180.6079,
-92.3155, 68.4771

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.6693, -59.0038,
39.0417

■ 70.6693, -59.0038,
39.0417

■ 70.6707, -59.0048,
39.0421

■ 70.9227, -57.6666,
37.1570

■ 71.3433, -55.5495,
34.8374

■ 71.9751, -52.4898,
32.1080

■ 72.8387, -48.4313,
28.9931

■ 73.9477, -43.3603,

25.5268

■ 75.3102, -37.2988,
21.7512

■ 76.9294, -30.2976,
17.7136

■ 78.8042, -22.4292,
13.4641

■ 80.9303, -13.7800,
9.0524

Harmonies

Analogous

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



70.6708, -31.3287, 45.8174



70.6693, -59.0038, 39.0417



70.6708, -70.7901, 16.6557

Triad

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



70.6708, -59.0047, 39.0420



70.6708, -18.1286, -136.3471



70.6708, 98.1439, 26.8386

Complementary

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



70.6693, -59.0038, 39.0417



41.4981, 77.0151, -19.2969

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.



70.6708, 104.2628, -11.9247



70.6693, -59.0038, 39.0417



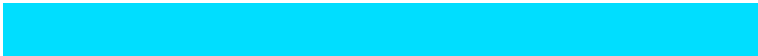
70.6708, 28.7783, -126.7557

Square

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



70.6708, -59.0047, 39.0420



70.6708, -51.4443, -93.9750



70.6708, 76.3425, -72.6829



70.6708, 61.2758, 42.4829

Rectangle

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



70.6693, -59.0038, 39.0417



70.6708, -70.7549, -12.3241



70.6708, 76.3425, -72.6829



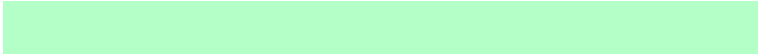
70.6708, 104.1698, 16.9174

Sweetspot

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



70.6708, -59.0047, 39.0420



92.2940, -36.6165, 21.4014



75.5067, -39.6109, 45.8334



42.3010, -18.6506, 10.8699

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.6708, -59.0047, 39.0420



84.8256, -70.9120, 47.0540



72.3840, -48.4235, 14.0587



38.2938, -6.2711, 4.1580



54.9975, -45.8203, 30.1708



14.0496, -11.3428, 6.9250

Inverse Universe

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



41.4981, 77.0151, -19.2969



49.7904, 92.3589, -22.7970



38.7145, 66.9087, 20.2949



36.3473, 2.4712, -0.1008



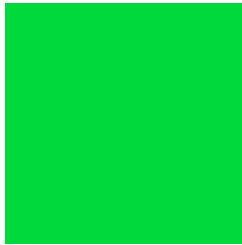
32.3153, 60.0223, -15.4082



8.3108, 15.5822, -5.0921

Previews

White Background



This preview shows how the HunterLab color 70.6693, -59.0038, 39.0417 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 70.6693, -59.0038, 39.0417 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

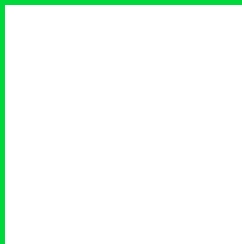
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 70.6693, -59.0038, 39.0417 Background



This preview shows how black text looks on a background with the HunterLab color 70.6693, -59.0038, 39.0417.



This preview shows how white text looks on a background with the HunterLab color 70.6693, -59.0038, 39.0417.

-59.0038, 39.0417.

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

70.6693, -59.0038, 39.0417

Protanopia

69.8332, -9.3084, 40.2088

Deuteranopia

69.9483, 4.9632, 37.6973



Tritanopia

70.3416, -26.6010, -13.6100

Trichromacy



Original Color

70.6693, -59.0038, 39.0417



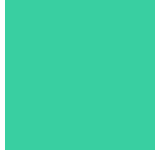
Protanomaly

67.1598, -37.4015, 37.6477



Deuteranomaly

66.5823, -30.8472, 35.4741



Tritanomaly

69.3316, -42.9775, 13.1348

Monochromacy



Original Color

70.6693, -59.0038, 39.0417



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

54.3542, -30.5047, 17.7857

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.6693, -59.0038, 39.0417 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, 217, 59)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 59)  
}
```

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, 217, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 70.6693, -59.0038, 39.0417 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, 217, 59) }
```


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

```
.border{ border-color:rgb(0, 217, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 59);  
box-shadow:4px 4px 4px 4px rgb(0, 217, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 70.6693, -59.0038, 39.0417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 59) }
```

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

```
.background{ background-color: rgb(0, 217,  
59) }
```

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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