

Converting Colors

HunterLab(68.6162, -57.9555,
39.3450)

Have a look what the booklet for
HunterLab(68.6162, -57.9555,
39.3450) contains.

HunterLab(68.7416, -58.0778, 39.4522)	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(68.7416,
-58.0778, 39.4522)**

Conversions

Conversions Part 1	
Format	Color
Hex	00D42A
RGB	0, 212, 42
RGB Percent	0%, 83%, 16%
CMY	1.0000, 0.1686, 0.8353
CMYK	1.00, 0.00, 0.80, 0.17
HSL	132°, 100%, 42%
HSV	132°, 100%, 83%
XYZ	23.9614, 47.2541, 10.0485
YIQ	129.2320, -71.7820, -97.8140

Conversions

Conversions Part 2

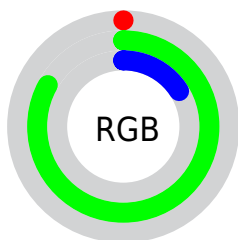
Format	Color
RYB	0, 177, 212
Decimal	54314
CIELab	74.35, -73.59, 65.40
CIELCh	74, 98.449, 138.373
Yxy	47.2560, 0.2949, 0.5815
Android (android.graphics.Color)	4278244394 (0xFF00D42A)
YUV	129.2320, -43.0054, -113.3365
Hunter-Lab	68.7416, -58.0778, 39.4522

Details

The HunterLab color **68.7416, -58.0778, 39.4522** 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 **41.1093, 77.4602, -28.1589**, and the grayscale version is **47.1302, -2.5147, 2.5607**.

A 20% lighter version of the original color is **86.9512, -61.3830, 43.9329**, and **48.7616, -41.8131, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **68.7430, -58.0787, 39.4525**, and if you desaturate by 10%, it is **68.9683, -56.9031, 37.9439**.

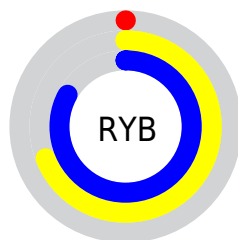
Distribution



Red (0%)

Green (83%)

Blue (16%)



Red (0%)

Yellow (69%)

Blue (83%)

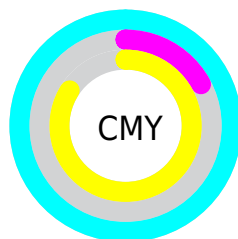


Cyan (100%)

Magenta (0%)

Yellow (80%)

Black (17%)



Cyan (100%)


Magenta (17%)


Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.7416, -58.0778, 39.4522 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 68.7416, -58.0778, 39.4522 by changing the saturation by 10% instead.


 68.7416, -58.0778,
39.4522


 68.7416, -58.0778,
39.4522


193.8648,
-95.1973, 74.0731


 57.6525, -53.1173,
34.8796


 92.7878, -67.2993,
48.0196


 47.2323, -47.8492,
30.0780


 105.6817,
-71.6353, 52.0637

 37.5287, -42.1942,
25.0470


 119.1230,
-75.8256, 55.9760

 28.5992, -36.0392,
20.0195


 133.0904,
-79.8910, 59.7736

 20.5178, -29.2414,
14.3625

 147.5646,
-83.8482, 63.4708

 13.3851, -23.4239,
9.3695

 162.5285,

 6.9421, -12.1487,

-87.7110, 67.0798

4.8595

177.9666,
-91.4908, 70.6109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7416, -58.0778,
39.4522

■ 68.7416, -58.0778,
39.4522

■ 68.7430, -58.0787,
39.4525

■ 68.9683, -56.9031,
37.9439


■ 69.3624, -54.9368,
35.9333


■ 69.9685, -52.0102,
33.4270


■ 70.8073, -48.0643,
30.4358


■ 71.8927, -43.0839,

26.9851

 73.2326, -37.0909,
23.1124

 74.8303, -30.1375,
18.8648

 76.6846, -22.2984,
14.2950

 78.7909, -13.6634,
9.4582

Harmonies

Analogous

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



68.7430, -29.3879, 45.2746



68.7416, -58.0778, 39.4522



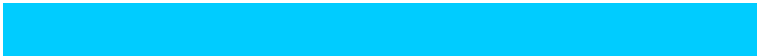
68.7430, -70.6236, 18.6306

Triad

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



68.7430, -58.0787, 39.4525



68.7430, -20.6042, -140.2055



68.7430, 102.0131, 25.3300

Complementary

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



68.7416, -58.0778, 39.4522



41.1093, 77.4602, -28.1589

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.



68.7430, 106.1802, -15.4662



68.7416, -58.0778, 39.4522



68.7430, 26.4873, -133.5683

Square

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



68.7430, -58.0787, 39.4525



68.7430, -53.1110, -93.5359



68.7430, 75.7199, -78.8941



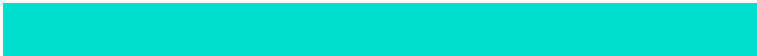
68.7430, 65.4993, 41.6020

Rectangle

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



68.7416, -58.0778, 39.4522



68.7430, -71.1157, -9.6721



68.7430, 75.7199, -78.8941



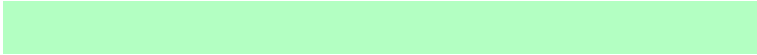
68.7430, 107.5403, 14.9008

Sweetspot

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



68.7430, -58.0787, 39.4525



92.1542, -37.4309, 23.4217



74.8255, -33.5948, 45.5190



42.2306, -19.0640, 11.8895

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.7430, -58.0787, 39.4525



84.7082, -71.6475, 48.7884



70.0922, -49.7122, 19.7052



37.3307, -6.2187, 4.3396



54.0221, -45.5663, 30.8416



13.3122, -10.9104, 6.9133

Inverse Universe

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



41.1093, 77.4602, -28.1589



50.6383, 95.3736, -34.3629



37.9532, 66.0680, 16.2146



35.4804, 2.5201, -0.4162



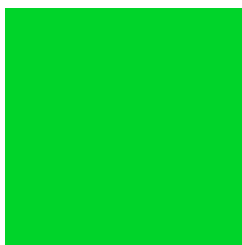
32.3220, 60.9400, -22.4277



8.0070, 15.2100, -6.4366

Previews

White Background



This preview shows how the HunterLab color 68.7416, -58.0778, 39.4522 looks on a white background.

Color Contrast Check

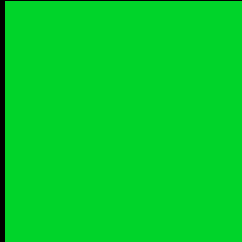
Large Text (above 18pt) WCAG AA × Fail

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 68.7416, -58.0778, 39.4522 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 68.7416, -58.0778, 39.4522 Background



This preview shows how black text looks on a background with the HunterLab color 68.7416, -58.0778, 39.4522.



This preview shows how white text looks on a background with the HunterLab color 68.7416, -58.0778, 39.4522.

-58.0778, 39.4522.

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

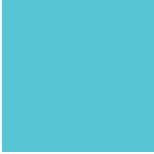
68.7416, -58.0778, 39.4522

Protanopia

68.1240, -9.3811, 40.4963



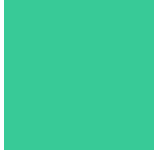
Deuteranopia

67.9506, 5.2692, 38.1109

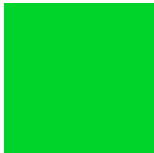




Tritanopia
68.4188, -25.8087, -12.8441

Trichromacy

	Original Color 68.7416, -58.0778, 39.4522
	Protanomaly 65.5891, -36.9197, 38.1872
	Deuteranomaly 64.6036, -30.3382, 36.0744
	Tritanomaly 67.3173, -42.6654, 14.9468

Monochromacy

	Original Color 68.7416, -58.0778, 39.4522
	Achromatopsia 46.8536, -2.5000, 2.5456
	Achromatomaly 52.3958, -30.2500, 18.9591

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7416, -58.0778, 39.4522 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, 212, 42)` looks like.

```
.text, #text, p{  
    color:rgb(0, 212, 42)  
}
```

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, 212, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 212, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7416, -58.0778, 39.4522 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, 212, 42) }
```


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

```
.border{ border-color:rgb(0, 212, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 212, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 212, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 212, 42);  
box-shadow:4px 4px 4px 4px rgb(0, 212, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 68.7416, -58.0778, 39.4522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 212, 42) }
```

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

```
.background{ background-color: rgb(0, 212,  
42) }
```

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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