

Converting Colors

HunterLab(68.1373, -62.9525,
42.7374)

Have a look what the booklet for
HunterLab(68.1373, -62.9525,
42.7374) contains.

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Color

**HunterLab(68.9844,
-59.1541, 41.4723)**

Conversions

Conversions Part 1

Format	Color
Hex	00D500
RGB	0, 213, 0
RGB Percent	0%, 84%, 0%
CMY	1.0000, 0.1647, 0.9999
CMYK	1.00, 0.00, 1.00, 0.16
HSL	120°, 100%, 42%
HSV	120°, 100%, 84%
XYZ	23.7942, 47.5885, 7.9314
YIQ	125.0310, -58.5750, -111.3990

Conversions

Conversions Part 2

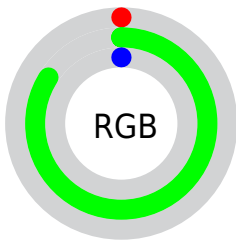
Format	Color
RYB	0, 213, 213
Decimal	54528
CIELab	74.57, -75.24, 72.62
CIELCh	75, 104.569, 136.017
Yxy	47.5905, 0.3000, 0.6000
Android (android.graphics.Color)	4278244608 (0xFF00D500)
YUV	125.0310, -61.6403, -109.6522
Hunter-Lab	68.9844, -59.1541, 41.4723

Details

The HunterLab color **68.9844, -59.1541, 41.4723** 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 **43.5314, 85.5819, -57.3993**, and the grayscale version is **45.5498, -2.4304, 2.4748**.

A 20% lighter version of the original color is **86.7944, -62.4171, 46.7993**, and **48.7616, -41.8131, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **68.9858, -59.1551, 41.4726**, and if you desaturate by 10%, it is **69.1437, -58.4000, 40.9617**.

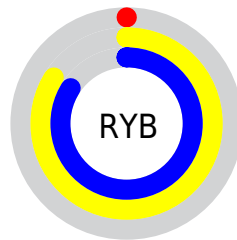
Distribution



Red (0%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (84%)

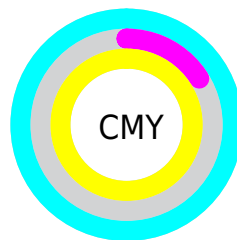


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (100%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9844, -59.1541, 41.4723 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 68.9844, -59.1541, 41.4723 by changing the saturation by 10% instead.

■ 68.9844, -59.1541,
41.4723

■ 68.9844, -59.1541,
41.4723

194.2077,
-96.9920, 79.4310

■ 57.8815, -54.0913,
36.4560

■ 93.0561, -68.5626,
50.8864

■ 47.4466, -48.7135,
31.2058

■ 105.9619,
-72.9848, 55.3299

■ 37.7272, -42.9405,
25.9454

■ 119.4146,
-77.2572, 59.6256

■ 28.7806, -36.6580,
20.1464

■ 133.3929,
-81.4011, 63.7914

■ 20.6802, -29.7330,
14.4761

■ 147.8778,
-85.4335, 67.8425

■ 13.5260, -23.6704,
9.4682

■ 162.8519,

■ 7.1096, -12.4419,

-89.3686, 71.7922

4.9768

178.3000,
-93.2181, 75.6518

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9844, -59.1541,
41.4723

■ 68.9844, -59.1541,
41.4723

■ 68.9858, -59.1551,
41.4726

■ 69.1437, -58.4000,
40.9617


■ 69.4745, -56.8241,
39.8956


■ 70.0331, -54.1831,
38.1093


■ 70.8453, -50.3867,
35.5420


■ 71.9283, -45.4014,

32.1712

 73.2925, -39.2421,
28.0072

 74.9421, -31.9635,
23.0874

 76.8761, -23.6505,
17.4694

 79.0893, -14.4081,
11.2247

Harmonies

Analogous

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



68.9858, -27.7653, 46.2753



68.9844, -59.1541, 41.4723



68.9858, -73.2845, 22.0652

Triad

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



68.9858, -59.1550, 41.4725



68.9858, -24.9726, -151.7050



68.9858, 111.9935, 24.1614

Complementary

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



68.9844, -59.1541, 41.4723



43.5314, 85.5819, -57.3993

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.



68.9858, 113.3622, -21.5520



68.9844, -59.1541, 41.4723



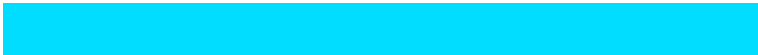
68.9858, 24.2322, -149.4764

Square

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



68.9858, -59.1550, 41.4725



68.9858, -57.6041, -96.6281



68.9858, 77.8743, -91.7535



68.9858, 74.5354, 42.0951

Rectangle

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



68.9844, -59.1541, 41.4723



68.9858, -74.5165, -6.2970



68.9858, 77.8743, -91.7535



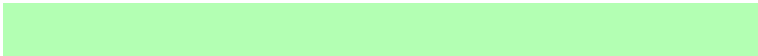
68.9858, 116.9827, 12.4905

Sweetspot

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



68.9858, -59.1550, 41.4725



91.8036, -39.4793, 28.5024



78.5729, -21.1041, 48.0468



42.0564, -20.0903, 14.4203

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9858, -59.1550, 41.4725



84.5695, -72.5181, 50.8412



69.7435, -54.4247, 30.3141



37.2774, -6.5172, 5.1044



53.9159, -46.2326, 32.4127



13.2413, -11.3541, 7.9598

Inverse Universe

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



43.5314, 85.5819, -57.3993



53.3650, 104.9148, -70.3656



38.9844, 69.4579, 4.2909



35.5425, 2.8527, -1.2982



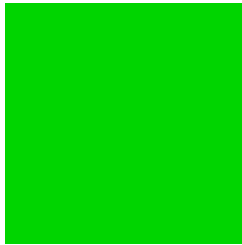
34.0219, 66.8867, -44.8607



8.3556, 16.4270, -11.0180

Previews

White Background



This preview shows how the HunterLab color 68.9844, -59.1541, 41.4723 looks on a white background.

Color Contrast Check

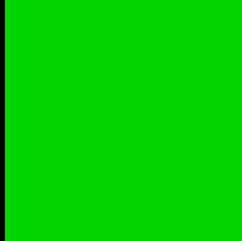
Large Text (above 18pt) WCAG AA × Fail

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 68.9844, -59.1541, 41.4723 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

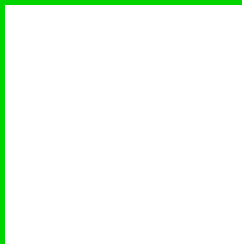
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.9844, -59.1541, 41.4723 Background



This preview shows how black text looks on a background with the HunterLab color 68.9844, -59.1541, 41.4723.



This preview shows how white text looks on a background with the HunterLab color 68.9844, -59.1541, 41.4723.

-59.1541, 41.4723.

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

68.9844, -59.1541, 41.4723

Protanopia

68.1433, -9.4819, 41.8236

Deuteranopia

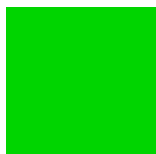
68.3684, 5.0231, 39.9747



Tritanopia

68.8237, -25.9015, -12.8503

Trichromacy



Original Color

68.9844, -59.1541, 41.4723



Protanomaly

65.4872, -37.5304, 39.6959



Deuteranomaly

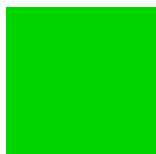
64.9355, -31.0082, 38.4087



Tritanomaly

67.3493, -45.0103, 20.2071

Monochromacy



Original Color

68.9844, -59.1541, 41.4723



Achromatopsia

45.2856, -2.4163, 2.4605



Achromatomaly

51.3796, -31.5028, 22.3505

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9844, -59.1541, 41.4723 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, 213, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 213, 0)  
}
```

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, 213, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 213, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9844, -59.1541, 41.4723 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, 213, 0) }
```


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

```
.border{ border-color:rgb(0, 213, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 213, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 213, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 213, 0); box-shadow:4px  
4px 4px 4px rgb(0, 213, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9844, -59.1541, 41.4723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 213, 0) }
```

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

```
.background{ background-color: rgb(0, 213,  
0) }
```

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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