

Converting Colors

HunterLab(69.5698, -58.7266,
41.8405)

Have a look what the booklet for
HunterLab(69.5698, -58.7266,
41.8405) contains.

HunterLab(69.5270, -58.7068, 41.8144)	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(69.5270,
-58.7068, 41.8144)**

Conversions

Conversions Part 1

Format	Color
Hex	1CD600
RGB	28, 214, 0
RGB Percent	11%, 84%, 0%
CMY	0.8902, 0.1608, 0.9999
CMYK	0.87, 0.00, 1.00, 0.16
HSL	112°, 100%, 42%
HSV	112°, 100%, 84%
XYZ	24.5255, 48.3400, 8.0380
YIQ	133.9900, -42.1620, -105.9860

Conversions

Conversions Part 2

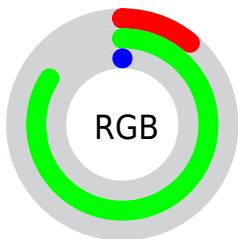
Format	Color
RYB	0, 214, 186
Decimal	1889792
CIELab	75.04, -74.09, 73.06
CIELCh	75, 104.055, 135.400
Yxy	48.3421, 0.3031, 0.5975
Android (android.graphics.Color)	4280079872 (0xFF1CD600)
YUV	133.9900, -66.0571, -92.9532
Hunter-Lab	69.5270, -58.7068, 41.8144

Details

The HunterLab color **69.5270, -58.7068, 41.8144** 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 **39.1139, 79.3924, -70.9467**, and the grayscale version is **49.0895, -2.6193, 2.6671**.

A 20% lighter version of the original color is **87.0660, -61.2756, 46.8652**, and **49.1059, -42.1084, 29.5217** is the 20% darker color. If you saturate the color by 10%, you get **69.5282, -58.7091, 41.8151**, and if you desaturate by 10%, it is **69.8182, -57.3940, 41.3965**.

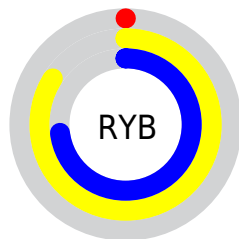
Distribution



Red (11%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (73%)

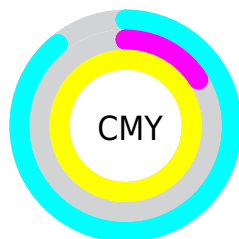


Cyan (87%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (89%)


Magenta (16%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.5270, -58.7068, 41.8144 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 69.5270, -58.7068, 41.8144 by changing the saturation by 10% instead.


 69.5270, -58.7068,
41.8144

 69.5270, -58.7068,
41.8144


194.9734,
-95.9720, 79.9249

 58.3934, -53.7325,
36.7816


 93.6555, -67.9594,
51.2627

 47.9257, -48.4524,
31.5156


 106.5877,
-72.3117, 55.7234

 38.1713, -42.7887,
26.2211


 120.0659,
-76.5185, 60.0363

 29.1864, -36.6304,
20.4305

 134.0686,
-80.6004, 64.2192

 21.0439, -29.8194,
14.7307

 148.5770,
-84.5741, 68.2872

 13.8420, -24.2235,
9.6894

 163.5740,

 7.4698, -13.0721,

-88.4533, 72.2535

5.2288

179.0442,
-92.2494, 76.1295

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.5270, -58.7068,
41.8144

■ 69.5270, -58.7068,
41.8144

■ 69.5282, -58.7091,
41.8151

■ 69.8182, -57.3940,
41.3965

■ 70.2845, -55.2543,
40.4275

■ 70.9534, -52.1718,
38.7260

■ 71.8401, -48.1019,
36.2237

■ 72.9543, -43.0369,

32.8892

■ 74.3016, -37.0005,
28.7216

■ 75.8835, -30.0415,
23.7442

■ 77.6985, -22.2275,
18.0000

■ 79.7420, -13.6390,
11.5454

Harmonies

Analogous

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



69.5284, -26.9196, 46.5603



69.5270, -58.7068, 41.8144



69.5284, -73.2131, 22.7351

Triad

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



69.5284, -58.7078, 41.8146



69.5284, -25.8213, -149.8644



69.5284, 111.8541, 23.5616

Complementary

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



69.5270, -58.7068, 41.8144



39.1139, 79.3924, -70.9467

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.



69.5284, 112.3894, -22.6856



69.5270, -58.7068, 41.8144



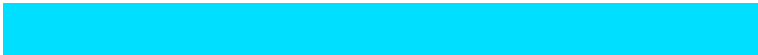
69.5284, 23.0019, -148.9961

Square

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



69.5284, -58.7078, 41.8146



69.5284, -58.0959, -94.4965



69.5284, 76.5109, -92.5946



69.5284, 75.2039, 42.0635

Rectangle

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



69.5270, -58.7068, 41.8144



69.5284, -74.6431, -5.1513



69.5284, 76.5109, -92.5946



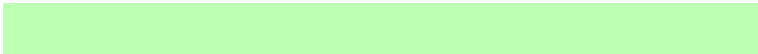
69.5284, 116.5407, 11.6723

Sweetspot

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



69.5284, -58.7078, 41.8146



92.4713, -36.9158, 29.1593



70.1379, -7.7562, 43.0822



42.3870, -18.8056, 14.7348

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.5284, -58.7078, 41.8146



84.7637, -71.6877, 50.9760



69.7512, -56.9599, 35.7785



37.3805, -6.1466, 5.2238



54.0773, -45.5425, 32.5249



13.3786, -10.7697, 8.0553

Inverse Universe

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



39.1139, 79.3924, -70.9467



47.6412, 96.7415, -86.6905



40.0775, 73.0330, -8.2349



35.4211, 2.4460, -1.4603



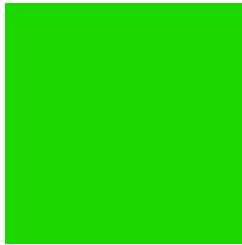
30.4609, 61.7988, -54.9946



7.6359, 15.3946, -13.0339

Previews

White Background



This preview shows how the HunterLab color 69.5270, -58.7068, 41.8144 looks on a white background.

Color Contrast Check

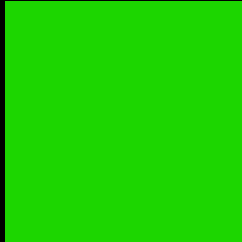
Large Text (above 18pt) WCAG AA × Fail

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 69.5270, -58.7068, 41.8144 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 69.5270, -58.7068, 41.8144 Background



This preview shows how black text looks on a background with the HunterLab color 69.5270, -58.7068, 41.8144.



This preview shows how white text looks on a background with the HunterLab color 69.5270, -58.7068, 41.8144.

-58.7068, 41.8144.

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

69.5270, -58.7068, 41.8144

Protanopia

68.9539, -9.6855, 42.3195

Deuteranopia

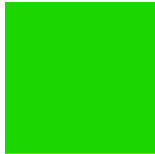
68.7694, 4.9246, 40.2331



Tritanopia

69.3400, -25.5733, -12.6927

Trichromacy



Original Color

69.5270, -58.7068, 41.8144



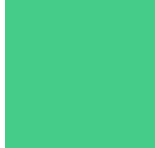
Protanomaly

66.9186, -35.2966, 40.6170



Deuteranomaly

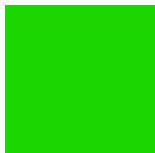
66.0697, -28.2924, 39.1734



Tritanomaly

68.0126, -44.0594, 20.5060

Monochromacy



Original Color

69.5270, -58.7068, 41.8144



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

54.1139, -30.5212, 23.3940

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.5270, -58.7068, 41.8144 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(28, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(28, 214, 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(28, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 214, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 69.5270, -58.7068, 41.8144 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(28, 214, 0) }
```


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

```
.border{ border-color:rgb(28, 214, 0) }
```

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

Here you see how a box with a 4 pixel rgb(28, 214, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(28, 214, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 69.5270, -58.7068, 41.8144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 214, 0) }
```

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

```
.background{ background-color: rgb(28, 214,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor