

Converting Colors

HunterLab(84.7063, -71.8043,
49.9373)

Have a look what the booklet for
HunterLab(84.7063, -71.8043,
49.9373) contains.

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Color

**HunterLab(84.7048,
-71.8100, 49.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	11FF21
RGB	17, 255, 33
RGB Percent	7%, 100%, 13%
CMY	0.9333, 0.0000, 0.8705
CMYK	0.93, 0.00, 0.87, 0.00
HSL	124°, 100%, 53%
HSV	124°, 93%, 100%
XYZ	36.2657, 71.7490, 13.3764
YIQ	158.5300, -70.5860, -119.4980

Conversions

Conversions Part 2

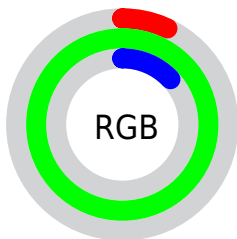
Format	Color
RYB	17, 240, 255
Decimal	1179425
CIELab	87.85, -84.97, 79.62
CIELCh	88, 116.443, 136.860
Yxy	71.7491, 0.2987, 0.5911
Android (android.graphics.Color)	4279369505 (0xFF11FF21)
YUV	158.5300, -61.8863, -124.1218
Hunter-Lab	84.7048, -71.8100, 49.9304

Details

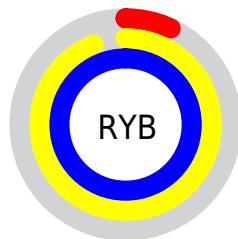
The HunterLab color **84.7048, -71.8100, 49.9304** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **52.8129, 100.2908, -57.3645**, and the grayscale version is **58.9559, -3.1457, 3.2032**.

A 20% lighter version of the original color is **87.5425, -58.9273, 44.2209**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5937, -72.3662, 50.4831**, and if you desaturate by 10%, it is **85.0390, -70.1694, 48.4916**.

Distribution



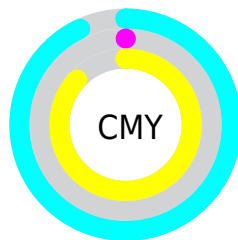
- Red (7%)
- Green (100%)
- Blue (13%)



- Red (7%)
- Yellow (94%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (87%)
- Black (0%)



- Cyan (93%)
- Magenta (0%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7048, -71.8100, 49.9304 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 84.7048, -71.8100, 49.9304 by changing the saturation by 10% instead.

■ 84.7048, -71.8100,
49.9304

■ 84.7048, -71.8100,
49.9304

216.0249,
-112.3636, 89.5697

■ 72.7693, -66.4867,
44.7827

■ 110.3176,
-81.7926, 59.6577

■ 61.4539, -60.8844,
39.4210

■ 123.9451,
-86.5173, 64.2787

■ 50.7947, -54.9418,
33.8318

■ 138.0916,
-91.0964, 68.7613

■ 40.8348, -48.5771,
28.2926

■ 152.7388,
-95.5487, 73.1208

■ 31.6274, -41.6785,
22.1392

■ 167.8701,
-99.8896, 77.3705

■ 23.2398, -34.0942,
16.2679

183.4705,

■ 15.7618, -27.5832,

-104.1321, 81.5220

11.0333

199.5263,
-108.2870, 85.5855

■ 9.3209, -16.3115,
6.5246

0.0000, NaN, NaN

■ 84.7048, -71.8100,
49.9304

■ 84.7048, -71.8100,
49.9304

■ 84.5937, -72.3662,
50.4831

■ 85.0390, -70.1694,
48.4916

■ 85.6369, -67.2948,
46.2578

■ 86.5334, -63.0586,
43.1768

■ 87.7522, -57.4043,
39.2338

■ 89.3081, -50.3352,
34.4471

■ 91.2083, -41.9045,
28.8625

■ 93.4537, -32.2046,
22.5467

■ 96.0393, -21.3551,
15.5806

■ 98.9562, -9.4913,
8.0521

Harmonies

Analogous

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



84.7048, -34.6605, 56.3491



84.7048, -71.8100, 49.9304



84.7048, -88.4096, 25.4547

Triad

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



84.7048, -71.8096, 49.9296



84.7048, -28.5413, -178.9732



84.7048, 131.7462, 30.0847

Complementary

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



84.7048, -71.8100, 49.9304



52.8129, 100.2908, -57.3645

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.



84.7048, 134.6965, -23.4043



84.7048, -71.8100, 49.9304



84.7048, 30.5208, -174.2223

Square

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



84.7048, -71.8096, 49.9296



84.7048, -68.3797, -116.0257



84.7048, 93.8299, -105.5897



84.7048, 86.6134, 51.3603

Rectangle

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



84.7048, -71.8100, 49.9304



84.7048, -89.5910, -9.1489



84.7048, 93.8299, -105.5897



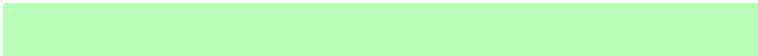
84.7048, 138.0607, 16.3903

Sweetspot

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



84.7048, -71.8096, 49.9296



92.3631, -36.8822, 25.5802



94.8338, -31.3735, 57.5553



42.2956, -18.9562, 13.0706

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.7048, -71.8096, 49.9296



84.5937, -72.3662, 50.4831



85.9662, -63.9634, 31.4038



44.9310, -7.8303, 5.9033



61.1551, -52.2728, 36.4035



19.0999, -16.2024, 11.1032

Inverse Universe

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



52.8129, 100.2908, -57.3645



52.3676, 101.4509, -57.3979



47.9794, 82.8517, 9.0044



42.7528, 3.4118, -1.2722



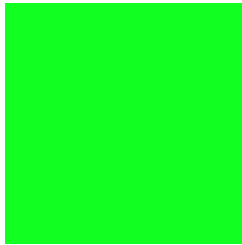
37.8662, 73.3759, -41.6464



11.8414, 22.9858, -13.3331

Previews

White Background



This preview shows how the HunterLab color 84.7048, -71.8100, 49.9304 looks on a white background.

Color Contrast Check

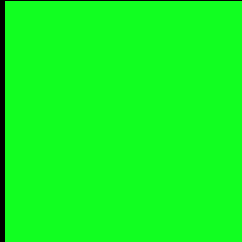
Large Text (above 18pt) WCAG AA × Fail

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 84.7048, -71.8100, 49.9304 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

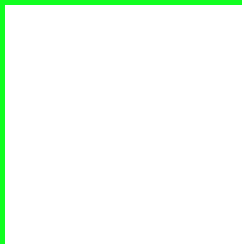
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.7048, -71.8100, 49.9304 Background



This preview shows how black text looks on a background with the HunterLab color 84.7048, -71.8100, 49.9304.



This preview shows how white text looks on a background with the HunterLab color 84.7048, -71.8100, 49.9304.

-71.8100, 49.9304.

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

84.7048, -71.8100, 49.9304

Protanopia

83.5381, -11.1412, 50.8110

Deuteranopia

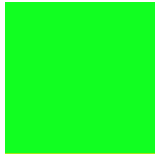
83.5836, 2.2979, 32.8274



Tritanopia

84.1358, -30.5833, -15.3609

Trichromacy



Original Color

84.7048, -71.8100, 49.9304



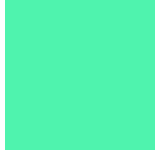
Protanomaly

80.6279, -44.0079, 48.2358



Deuteranomaly

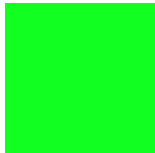
80.1639, -37.6003, 39.0519



Tritanomaly

82.9575, -52.8351, 21.5732

Monochromacy



Original Color

84.7048, -71.8100, 49.9304



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

65.4993, -37.4025, 25.5638

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7048, -71.8100, 49.9304 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(17, 255, 33)` looks like.

```
.text, #text, p{  
    color:rgb(17, 255, 33)  
}
```

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(17, 255, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 255, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7048, -71.8100, 49.9304 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(17, 255, 33) }
```


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

```
.border{ border-color:rgb(17, 255, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 255, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 255, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 255, 33);  
box-shadow:4px 4px 4px 4px rgb(17, 255,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7048, -71.8100, 49.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 255, 33) }
```

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

```
.background{ background-color: rgb(17, 255,  
33) }
```

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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