

Converting Colors

HunterLab(84.9000, -71.0017,
50.2602)

Have a look what the booklet for
HunterLab(84.9000, -71.0017,
50.2602) contains.

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Color

**HunterLab(84.9000,
-71.0017, 50.2602)**

Conversions

Conversions Part 1

Format	Color
Hex	29FF1D
RGB	41, 255, 29
RGB Percent	16%, 100%, 11%
CMY	0.8392, 0.0000, 0.8862
CMYK	0.84, 0.00, 0.89, 0.00
HSL	117°, 100%, 56%
HSV	117°, 89%, 100%
XYZ	36.8962, 72.0801, 13.1306
YIQ	165.2500, -54.9980, -115.6540

Conversions

Conversions Part 2

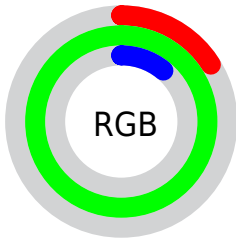
Format	Color
R_{YB}	29, 255, 243
Decimal	2752285
CIE _{Lab}	88.01, -83.57, 80.51
CIE _{LCh}	88, 116.038, 136.067
Yxy	72.0802, 0.3022, 0.5903
Android (android.graphics.Color)	4280942365 (0xFF29FF1D)
YUV	165.2500, -67.1713, -108.9673
Hunter-Lab	84.9000, -71.0017, 50.2602

Details

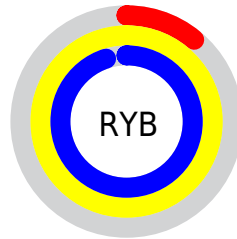
The HunterLab color **84.9000, -71.0017, 50.2602** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **52.1128, 98.7610, -73.7968**, and the grayscale version is **61.7277, -3.2936, 3.3538**.

A 20% lighter version of the original color is **87.8218, -57.8298, 44.7910**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6437, -72.1917, 50.8224**, and if you desaturate by 10%, it is **85.3933, -68.6933, 48.9486**.

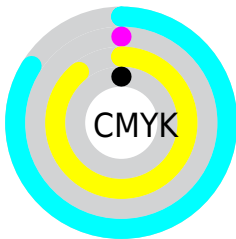
Distribution



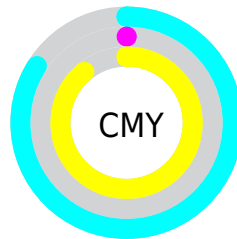
- Red (16%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (95%)



- Cyan (84%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (84%)
- Magenta (0%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9000, -71.0017, 50.2602 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 84.9000, -71.0017, 50.2602 by changing the saturation by 10% instead.


 84.9000, -71.0017,
50.2602


 84.9000, -71.0017,
50.2602


216.2916,
-110.9355, 90.2758


 72.9549, -65.7677,
45.0646


 110.5308,
-80.8222, 60.0803


 61.6294, -60.2612,
39.6546


 124.1667,
-85.4723, 64.7457


 50.9593, -54.4224,
34.0180


 138.3214,
-89.9806, 69.2714

 40.9879, -48.1710,
28.4628

 152.9764,
-94.3652, 73.6726

 31.7680, -41.3971,
22.2376

 168.1153,
-98.6414, 77.9627

 23.3668, -33.9500,
16.3567

 183.7231,

 15.8734, -27.7784,

-102.8217, 82.1533

11.1114

199.7861,
-106.9167, 86.2547

■ 9.4151, -16.4764,
6.5906

0.0000, NaN, NaN

■ 84.9000, -71.0017,
50.2602

■ 84.9000, -71.0017,
50.2602

■ 84.6437, -72.1917,
50.8224


■ 85.3933, -68.6933,
48.9486


■ 84.6224, -72.2917,
50.8784


■ 86.1615, -65.1038,
46.7277


■ 87.2301, -60.1515,
43.5187

■ 88.6158, -53.8148,
39.2916

 90.3283, -46.1228,
34.0563

 92.3705, -37.1461,
27.8551

 94.7403, -26.9858,
20.7552

 97.4308, -15.7630,
12.8400

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



84.9001, -33.3257, 56.4654



84.9000, -71.0017, 50.2602



84.9001, -88.1043, 26.4561

Triad

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



84.9001, -71.0014, 50.2595



84.9001, -29.8224, -177.0826



84.9001, 131.8943, 29.1097

Complementary

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



84.9000, -71.0017, 50.2602



52.1128, 98.7610, -73.7968

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.



84.9001, 133.5791, -25.1968



84.9000, -71.0017, 50.2602



84.9001, 28.6916, -174.3742

Square

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



84.9001, -71.0014, 50.2595



84.9001, -69.0349, -113.2553



84.9001, 91.9608, -107.3021



84.9001, 87.8380, 51.0843

Rectangle

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



84.9000, -71.0017, 50.2602



84.9001, -89.5858, -7.4110



84.9001, 91.9608, -107.3021



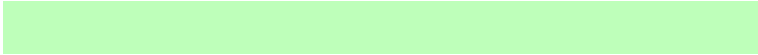
84.9001, 137.7707, 15.1155

Sweetspot

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



84.9001, -71.0014, 50.2595



92.7324, -35.5770, 26.7636



91.4497, -18.3240, 55.2757



42.5541, -17.9723, 13.4334

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9001, -71.0014, 50.2595



84.6224, -72.2917, 50.8784



85.6226, -66.2538, 37.7101



44.9601, -7.7699, 6.2782



61.1851, -52.1914, 36.7883



19.1324, -16.1130, 11.5072

Inverse Universe

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



52.1128, 98.7610, -73.7968



50.9953, 101.4888, -76.7964



49.5747, 85.2535, -6.1492



42.7182, 3.3482, -1.7242



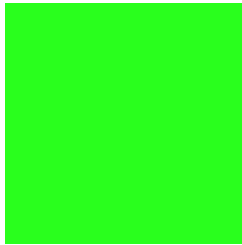
36.8912, 73.4033, -55.4320



11.5739, 22.9942, -17.1229

Previews

White Background



This preview shows how the HunterLab color 84.9000, -71.0017, 50.2602 looks on a white background.

Color Contrast Check

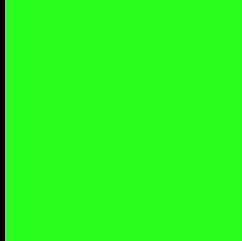
Large Text (above 18pt) WCAG AA × Fail

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 84.9000, -71.0017, 50.2602 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 84.9000, -71.0017, 50.2602 Background



This preview shows how black text looks on a background with the HunterLab color 84.9000, -71.0017, 50.2602.



This preview shows how white text looks on a background with the HunterLab color 84.9000, -71.0017, 50.2602.

-71.0017, 50.2602.

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

84.9000, -71.0017, 50.2602

Protanopia

83.8377, -11.6943, 51.1618

Deuteranopia

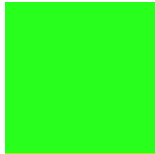
83.9180, 1.9789, 32.5312



Tritanopia

84.3403, -29.8096, -15.0596

Trichromacy



Original Color

84.9000, -71.0017, 50.2602



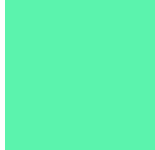
Protanomaly

81.4973, -42.3751, 49.0282



Deuteranomaly

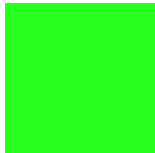
81.1253, -35.6442, 39.9869



Tritanomaly

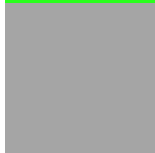
83.2721, -51.6066, 22.2593

Monochromacy



Original Color

84.9000, -71.0017, 50.2602



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.5590, -36.0785, 26.4973

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9000, -71.0017, 50.2602 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(41, 255, 29)` looks like.

```
.text, #text, p{  
    color:rgb(41, 255, 29)  
}
```

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(41, 255, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 255, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9000, -71.0017, 50.2602 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(41, 255, 29) }
```


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

```
.border{ border-color:rgb(41, 255, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 255, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 255, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 255, 29);  
box-shadow:4px 4px 4px 4px rgb(41, 255,  
29) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9000, -71.0017, 50.2602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 255, 29) }
```

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

```
.background{ background-color: rgb(41, 255,  
29) }
```

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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