

Converting Colors

HunterLab(84.9013, -70.8191,
48.8888)

Have a look what the booklet for
HunterLab(84.9013, -70.8191,
48.8888) contains.

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Color

**HunterLab(84.9013,
-70.8191, 48.8888)**

Conversions

Conversions Part 1

Format	Color
Hex	21FF33
RGB	33, 255, 51
RGB Percent	13%, 100%, 20%
CMY	0.8706, 0.0000, 0.8000
CMYK	0.87, 0.00, 0.80, 0.00
HSL	125°, 100%, 56%
HSV	125°, 87%, 100%
XYZ	36.9847, 72.0823, 15.0959
YIQ	165.3660, -66.8280, -110.5080

Conversions

Conversions Part 2

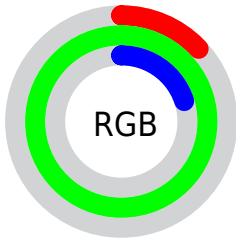
Format	Color
R_{YB}	33, 238, 255
Decimal	2228019
CIE _{Lab}	88.01, -83.28, 75.81
CIE _{LCh}	88, 112.615, 137.688
Yxy	72.0824, 0.2979, 0.5805
Android (android.graphics.Color)	4280418099 (0xFF21FF33)
YUV	165.3660, -56.3824, -116.0850
Hunter-Lab	84.9013, -70.8191, 48.8888

Details

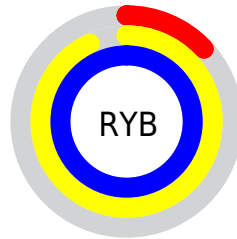
The HunterLab color **84.9013, -70.8191, 48.8888** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark washed green. A complement of this color would be **53.3494, 97.5822, -54.4523**, and the grayscale version is **61.7356, -3.2941, 3.3542**.

A 20% lighter version of the original color is **87.8468, -57.4146, 42.3811**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.6465, -72.0922, 50.1455**, and if you desaturate by 10%, it is **85.4020, -68.3881, 46.8750**.

Distribution



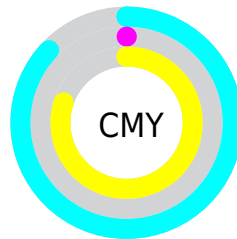
- Red (13%)
- Green (100%)
- Blue (20%)



- Red (13%)
- Yellow (93%)
- Blue (100%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.9013, -70.8191, 48.8888 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 84.9013, -70.8191, 48.8888 by changing the saturation by 10% instead.

■ 84.9013, -70.8191,
48.8888

■ 84.9013, -70.8191,
48.8888

216.2934,
-110.6299, 86.8192

■ 72.9562, -65.6025,
43.9663

■ 110.5322,
-80.6076, 58.1864

■ 61.6305, -60.1146,
38.8338

■ 124.1682,
-85.2430, 62.6039

■ 50.9605, -54.2958,
33.4724

■ 138.3229,
-89.7373, 66.8906

■ 40.9890, -48.0661,
27.9880

■ 152.9780,
-94.1085, 71.0614

■ 31.7690, -41.3158,
22.2383

■ 168.1170,
-98.3718, 75.1292

■ 23.3676, -33.8944,
16.3573

183.7248,

■ 15.8741, -27.7797,

-102.5396, 79.1052

11.1119

199.7878,
-106.6226, 82.9991

■ 9.4157, -16.4775,
6.5910

0.0000, NaN, NaN

■ 84.9013, -70.8191,
48.8888

■ 84.9013, -70.8191,
48.8888

■ 84.6465, -72.0922,
50.1455

■ 85.4020, -68.3881,
46.8750

■ 84.6008, -72.3216,
50.3779

■ 86.1883, -64.6434,
44.0498

■ 87.2874, -59.5060,
40.3908

■ 88.7170, -52.9596,
35.9087

■ 90.4868, -45.0405,
30.6421

■ 92.5997, -35.8275,
24.6513

■ 95.0530, -25.4307,
18.0124

■ 97.8390, -13.9792,
10.8096

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.



84.9014, -35.0631, 55.8784



84.9013, -70.8191, 48.8888



84.9014, -86.6897, 23.8229

Triad

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



84.9014, -70.8188, 48.8881



84.9014, -26.4631, -170.8230



84.9014, 125.6084, 30.3902

Complementary

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



84.9013, -70.8191, 48.8888



53.3494, 97.5822, -54.4523

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.



84.9014, 129.6762, -20.4769



84.9013, -70.8191, 48.8888



84.9014, 31.0284, -164.3573

Square

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



84.9014, -70.8188, 48.8881



84.9014, -65.9468, -112.6906



84.9014, 91.5721, -98.4163



84.9014, 81.5901, 51.0097

Rectangle

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



84.9013, -70.8191, 48.8888



84.9014, -87.5515, -10.3864



84.9014, 91.5721, -98.4163



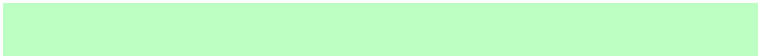
84.9014, 132.0414, 17.3079

Sweetspot

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



84.9014, -70.8188, 48.8881



92.8434, -34.7807, 23.9777



94.9685, -30.7949, 57.0817



42.5913, -17.6528, 12.1003

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9014, -70.8188, 48.8881



84.6008, -72.3216, 50.3779



86.2204, -62.6343, 29.5388



44.9356, -7.8048, 5.8380



61.1610, -52.2356, 36.3157



19.1050, -16.1707, 11.0284

Inverse Universe

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



53.3494, 97.5822, -54.4523



52.1714, 100.7659, -54.8198



48.9265, 81.3248, 6.3193



42.7475, 3.3831, -1.1962



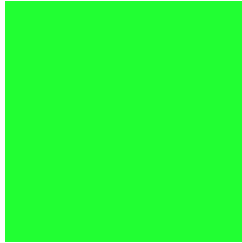
37.7265, 72.8885, -39.8125



11.8027, 22.8508, -12.8256

Previews

White Background



This preview shows how the HunterLab color 84.9013, -70.8191, 48.8888 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 84.9013, -70.8191, 48.8888 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 84.9013, -70.8191, 48.8888 Background



This preview shows how black text looks on a background with the HunterLab color 84.9013, -70.8191, 48.8888.



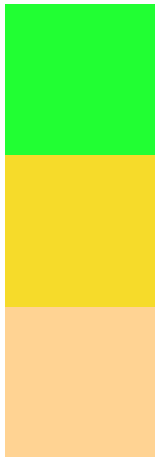
This preview shows how white text looks on a background with the HunterLab color 84.9013, -70.8191, 48.8888.

-70.8191, 48.8888.

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

84.9013, -70.8191, 48.8888

Protanopia

83.9184, -11.2452, 49.9657

Deuteranopia

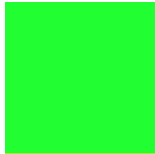
83.6392, 2.5979, 32.0158



Tritanopia

84.6404, -30.4314, -14.6498

Trichromacy



Original Color

84.9013, -70.8191, 48.8888



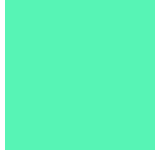
Protanomaly

81.4480, -42.3951, 47.6384



Deuteranomaly

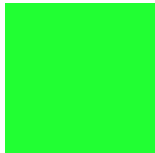
80.6887, -35.3528, 37.8372



Tritanomaly

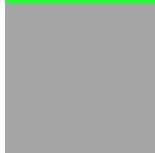
83.7041, -51.3260, 19.7142

Monochromacy



Original Color

84.9013, -70.8191, 48.8888



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

67.5465, -35.8403, 24.2565

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9013, -70.8191, 48.8888 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(33, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(33, 255, 51)  
}
```

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(33, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9013, -70.8191, 48.8888 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(33, 255, 51) }
```


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

```
.border{ border-color:rgb(33, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(33, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9013, -70.8191, 48.8888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 255, 51) }
```

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

```
.background{ background-color: rgb(33, 255,  
51) }
```

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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