

Converting Colors

HunterLab(84.9950, -70.1034,
46.4991)

Have a look what the booklet for
HunterLab(84.9950, -70.1034,
46.4991) contains.

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Color

**HunterLab(84.9986,
-70.0886, 46.5055)**

Conversions

Conversions Part 1

Format	Color
Hex	1AFF4B
RGB	26, 255, 75
RGB Percent	10%, 100%, 29%
CMY	0.8980, 0.0000, 0.7059
CMYK	0.90, 0.00, 0.71, 0.00
HSL	133°, 100%, 55%
HSV	133°, 90%, 100%
XYZ	37.4560, 72.2476, 18.6276
YIQ	166.0090, -78.7040, -104.5280

Conversions

Conversions Part 2

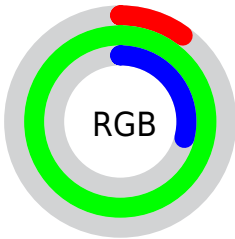
Format	Color
R_{YB}	26, 215, 255
Decimal	1769291
CIE Lab	88.09, -82.08, 68.43
CIE LCh	88, 106.862, 140.180
Yxy	72.2477, 0.2919, 0.5630
Android (android.graphics.Color)	4279959371 (0xFF1AFF4B)
YUV	166.0090, -44.8674, -122.7879
Hunter-Lab	84.9986, -70.0886, 46.5055

Details

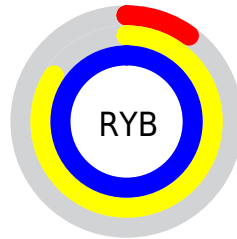
The HunterLab color **84.9986, -70.0886, 46.5055** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **51.4345, 93.0542, -33.9863**, and the grayscale version is **61.9582, -3.3059, 3.3663**.

A 20% lighter version of the original color is **87.9911, -56.2824, 38.2822**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.7341, -71.4890, 48.4354**, and if you desaturate by 10%, it is **85.4775, -67.6868, 43.9681**.

Distribution



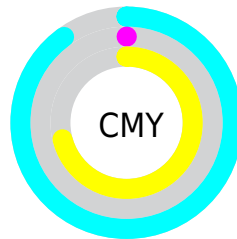
- Red (10%)
- Green (100%)
- Blue (29%)



- Red (10%)
- Yellow (84%)
- Blue (100%)



- Cyan (90%)
- Magenta (0%)
- Yellow (71%)
- Black (0%)





- Cyan (90%)
- Magenta (0%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.9986, -70.0886, 46.5055 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 84.9986, -70.0886, 46.5055 by changing the saturation by 10% instead.


 84.9986, -70.0886,
46.5055


 84.9986, -70.0886,
46.5055


216.4263,
-109.3764, 81.1629

 73.0487, -64.9466,
42.0206


 110.6385,
-79.7408, 54.9748

 61.7180, -59.5389,
37.3383


 124.2786,
-84.3134, 59.0022


 51.0425, -53.8066,
32.4322


 138.4374,
-88.7479, 62.9140

 41.0653, -47.6710,
27.2832

 153.0964,
-93.0621, 66.7241

 31.8391, -41.0239,
22.2874

 168.2392,
-97.2706, 70.4446

 23.4309, -33.7158,
16.4016

183.8506,

 15.9298, -27.8771,

-101.3858, 74.0855

11.1508

199.9172,
-105.4181, 77.6558

■ 9.4625, -16.5594,
6.6238

0.0000, NaN, NaN

■ 84.9986, -70.0886,
46.5055

■ 84.9986, -70.0886,
46.5055

■ 84.7341, -71.4890,
48.4354

■ 85.4775, -67.6868,
43.9681

■ 84.7300, -71.5112,
48.4670

■ 86.2194, -64.0955,
40.8330

■ 87.2510, -59.2371,
37.1164

■ 88.5901, -53.0907,
32.8524

90.2471, -45.6825,
28.0895

92.2260, -37.0773,
22.8870

94.5256, -27.3686,
17.3111

97.1402, -16.6687,
11.4300

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.



84.9987, -37.2463, 54.7899



84.9986, -70.0886, 46.5055



84.9987, -84.1088, 19.7044

Triad

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



84.9987, -70.0882, 46.5048



84.9987, -21.4101, -159.7145



84.9987, 115.4126, 31.9712

Complementary

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



84.9986, -70.0886, 46.5055



51.4345, 93.0542, -33.9863

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.



84.9987, 122.6881, -13.8467



84.9986, -70.0886, 46.5055



84.9987, 34.0081, -148.3816

Square

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



84.9987, -70.0882, 46.5048



84.9987, -60.9738, -110.3428



84.9987, 89.9656, -85.1234



84.9987, 72.0238, 50.7308

Rectangle

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



84.9986, -70.0886, 46.5055



84.9987, -84.0429, -14.5853



84.9987, 89.9656, -85.1234



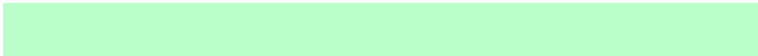
84.9987, 122.5167, 20.1921

Sweetspot

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



84.9987, -70.0882, 46.5048



92.8383, -34.4633, 21.3592



92.2926, -41.0239, 55.5241



42.6077, -17.4125, 10.7412

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.9987, -70.0882, 46.5048



84.7300, -71.5112, 48.4670



86.7742, -59.1203, 20.5793



44.9797, -7.5578, 5.2052



61.2620, -51.6023, 34.8223



19.1557, -15.8531, 10.2793

Inverse Universe

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



51.4345, 93.0542, -33.9863



50.4484, 94.7006, -31.7890



47.7701, 79.5503, 17.4788



42.6965, 3.1104, -0.4725



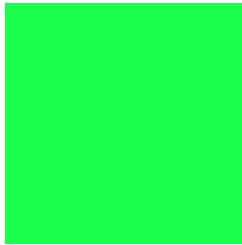
36.4984, 68.5663, -23.4051



11.4580, 21.6401, -8.2391

Previews

White Background



This preview shows how the HunterLab color 84.9986, -70.0886, 46.5055 looks on a white background.

Color Contrast Check

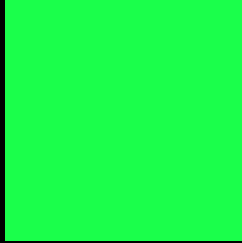
Large Text (above 18pt) WCAG AA × Fail

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 84.9986, -70.0886, 46.5055 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

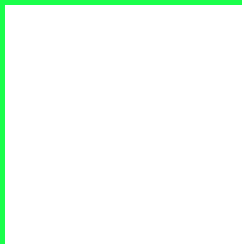
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.9986, -70.0886, 46.5055 Background



This preview shows how black text looks on a background with the HunterLab color 84.9986, -70.0886, 46.5055.



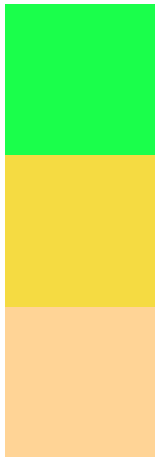
This preview shows how white text looks on a background with the HunterLab color 84.9986, -70.0886, 46.5055.

-70.0886, 46.5055.

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

84.9986, -70.0886, 46.5055

Protanopia

83.9457, -10.8786, 47.8961

Deuteranopia

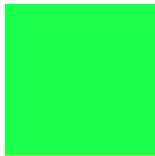
83.9934, 2.3862, 31.4303



Tritanopia

84.6404, -30.4314, -14.6498

Trichromacy



Original Color

84.9986, -70.0886, 46.5055



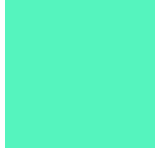
Protanomaly

81.3279, -42.5740, 45.2640



Deuteranomaly

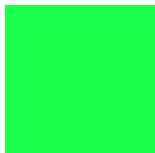
81.0478, -35.3876, 35.6135



Tritanomaly

83.8751, -50.1814, 16.3689

Monochromacy



Original Color

84.9986, -70.0886, 46.5055



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

67.6213, -35.1922, 21.5955

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.9986, -70.0886, 46.5055 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(26, 255, 75)` looks like.

```
.text, #text, p{  
    color:rgb(26, 255, 75)  
}
```

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(26, 255, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 255, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 84.9986, -70.0886, 46.5055 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(26, 255, 75) }
```


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

```
.border{ border-color:rgb(26, 255, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 255, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 255, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 255, 75);  
box-shadow:4px 4px 4px 4px rgb(26, 255,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.9986, -70.0886, 46.5055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 255, 75) }
```

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

```
.background{ background-color: rgb(26, 255,  
75) }
```

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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