

Converting Colors

HunterLab(84.8771, -70.5899,
46.2942)

Have a look what the booklet for
HunterLab(84.8771, -70.5899,
46.2942) contains.

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Color

**HunterLab(84.8774,
-70.5877, 46.2891)**

Conversions

Conversions Part 1

Format	Color
Hex	00FF4C
RGB	0, 255, 76
RGB Percent	0%, 100%, 30%
CMY	1.0000, 0.0000, 0.7019
CMYK	1.00, 0.00, 0.70, 0.00
HSL	138°, 100%, 50%
HSV	138°, 100%, 100%
XYZ	37.0644, 72.0417, 18.7894
YIQ	158.3490, -94.5210, -109.7290

Conversions

Conversions Part 2

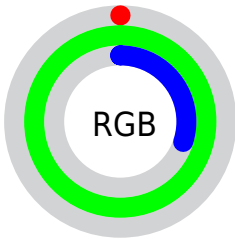
Format	Color
RYB	0, 196, 255
Decimal	65356
CIELab	87.99, -82.93, 67.94
CIELCh	88, 107.209, 140.674
Yxy	72.0419, 0.2898, 0.5633
Android (android.graphics.Color)	4278255436 (0xFF00FF4C)
YUV	158.3490, -40.5981, -138.8721
Hunter-Lab	84.8774, -70.5877, 46.2891

Details

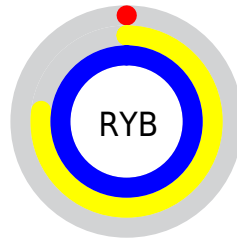
The HunterLab color **84.8774, -70.5877, 46.2891** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **49.5122, 91.3639, -18.9593**, and the grayscale version is **58.8046, -3.1377, 3.1950**.

A 20% lighter version of the original color is **87.7867, -57.1146, 38.1068**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.8775, -70.5875, 46.2886**, and if you desaturate by 10%, it is **85.1702, -69.0100, 43.9169**.

Distribution



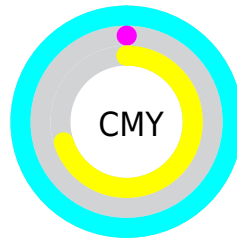
- Red (0%)
- Green (100%)
- Blue (30%)



- Red (0%)
- Yellow (77%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (70%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.8774, -70.5877, 46.2891 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 84.8774, -70.5877, 46.2891 by changing the saturation by 10% instead.


 84.8774, -70.5877,
46.2891


 84.8774, -70.5877,
46.2891


216.2608,
-110.2523, 80.7387

 72.9335, -65.3915,
41.8317


 110.5062,
-80.3385, 54.7063


 61.6091, -59.9256,
37.1776


 124.1411,
-84.9564, 58.7091

 50.9403, -54.1302,
32.3001


 138.2948,
-89.4340, 62.5971

 40.9702, -47.9256,
27.1795

 152.9490,
-93.7892, 66.3843

 31.7518, -41.2026,
22.2262

 168.0870,
-98.0371, 70.0826

 23.3521, -33.8107,
16.3465

183.6939,

 15.8605, -27.7558,

-102.1902, 73.7021

11.1023

199.7561,
-106.2589, 77.2517

■ 9.4043, -16.4575,
6.5830

0.0000, NaN, NaN

■ 84.8774, -70.5877,
46.2891

■ 84.8774, -70.5877,
46.2891


■ 84.8775, -70.5875,
46.2886


■ 85.1702, -69.0100,
43.9169


■ 85.6676, -66.4913,
41.0540


■ 86.4182, -62.8472,
37.7319


■ 87.4474, -58.0061,
33.9846

 88.7726, -51.9490,
29.8559

 90.4037, -44.7003,
25.3978

 92.3450, -36.3201,
20.6679

 94.5954, -26.8949,
15.7256

 97.1500, -16.5286,
10.6290

Harmonies

Analogous

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



84.8775, -38.0204, 54.7292



84.8774, -70.5877, 46.2891



84.8775, -84.3244, 19.0547

Triad

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



84.8775, -70.5873, 46.2884



84.8775, -20.6368, -160.8639



84.8775, 115.3891, 32.5126

Complementary

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



84.8774, -70.5877, 46.2891



49.5122, 91.3639, -18.9593

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.



84.8775, 123.3888, -12.9012



84.8774, -70.5877, 46.2891



84.8775, 35.1149, -148.3879

Square

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



84.8775, -70.5873, 46.2884



84.8775, -60.5916, -112.0095



84.8775, 91.0984, -84.2581



84.8775, 71.3761, 50.9081

Rectangle

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



84.8774, -70.5877, 46.2891



84.8775, -84.0776, -15.6775



84.8775, 91.0984, -84.2581



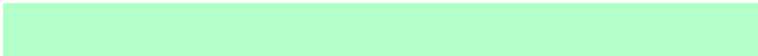
84.8775, 122.7441, 20.8847

Sweetspot

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



84.8775, -70.5873, 46.2884



92.3447, -36.3211, 20.6685



90.3088, -48.8769, 54.7921



42.3267, -18.4999, 10.4984

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.8775, -70.5873, 46.2884



84.8775, -70.5875, 46.2886



86.9934, -57.5314, 15.4597



45.0081, -7.3994, 4.7995



61.3728, -50.9086, 33.1865



19.1981, -15.5880, 9.6541

Inverse Universe

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



49.5122, 91.3639, -18.9593



49.5121, 91.3640, -18.9589



46.4094, 80.0767, 25.3409



42.6646, 2.9398, -0.0201



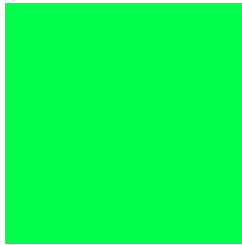
35.8287, 66.1809, -14.2368



11.2657, 20.9574, -5.6240

Previews

White Background



This preview shows how the HunterLab color 84.8774, -70.5877, 46.2891 looks on a white background.

Color Contrast Check

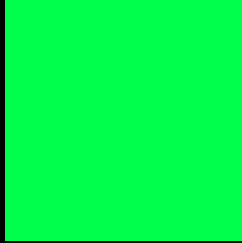
Large Text (above 18pt) WCAG AA × Fail

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 84.8774, -70.5877, 46.2891 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

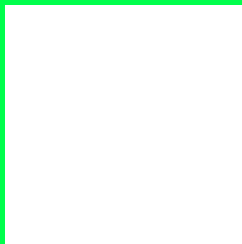
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.8774, -70.5877, 46.2891 Background



This preview shows how black text looks on a background with the HunterLab color 84.8774, -70.5877, 46.2891.



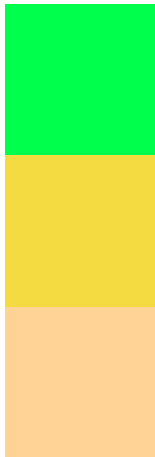
This preview shows how white text looks on a background with the HunterLab color 84.8774, -70.5877, 46.2891.

-70.5877, 46.2891.

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

84.8774, -70.5877, 46.2891

Protanopia

83.9457, -10.8786, 47.8961

Deuteranopia

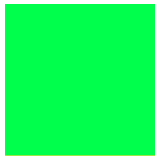
83.6770, 2.8020, 31.4635



Tritanopia

84.5585, -30.7414, -14.7699

Trichromacy



Original Color

84.8774, -70.5877, 46.2891



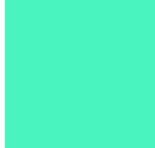
Protanomaly

80.7610, -44.8058, 44.7263



Deuteranomaly

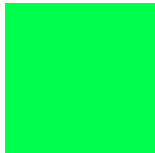
80.0154, -37.6720, 35.0024



Tritanomaly

83.5912, -51.3259, 16.0570

Monochromacy



Original Color

84.8774, -70.5877, 46.2891



Achromatopsia

58.4734, -3.1200, 3.1770



Achromatomaly

65.1653, -36.4296, 20.9360

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.8774, -70.5877, 46.2891 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(0, 255, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 76)  
}
```

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(0, 255, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 84.8774, -70.5877, 46.2891 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(0, 255, 76) }
```


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

```
.border{ border-color:rgb(0, 255, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 76);  
box-shadow:4px 4px 4px 4px rgb(0, 255, 76)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 84.8774, -70.5877, 46.2891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 76) }
```

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

```
.background{ background-color: rgb(0, 255,  
76) }
```

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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