

# Converting Colors

HunterLab(83.5985, -70.5484,  
47.8027)

Have a look what the booklet for  
HunterLab(83.5985, -70.5484,  
47.8027) contains.

<b>HunterLab(83.5985, -70.5484, 47.8027)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(83.5985,  
-70.5484, 47.8027)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FC36
RGB	0, 252, 54
RGB Percent	0%, 99%, 21%
CMY	1.0000, 0.0117, 0.7882
CMYK	1.00, 0.00, 0.79, 0.01
HSL	133°, 100%, 49%
HSV	133°, 100%, 99%
XYZ	35.4762, 69.8871, 15.1098
YIQ	154.0800, -86.6340, -115.0020

# Conversions

## Conversions Part 2

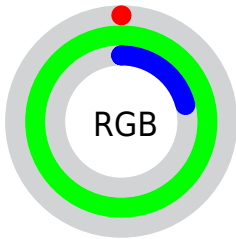
Format	Color
<a href="#">RYB</a>	<a href="#">0, 208, 252</a>
Decimal	<a href="#">64566</a>
CIELab	<a href="#">86.94, -83.71, 73.94</a>
CIELCh	<a href="#">87, 111.691, 138.548</a>
Yxy	<a href="#">69.8900, 0.2945, 0.5801</a>
Android (android.graphics.Color)	<a href="#">4278254646 (0xFF00FC36)</a>
YUV	<a href="#">154.0800, -49.3394, -135.1282</a>
Hunter-Lab	<a href="#">83.5985, -70.5484, 47.8027</a>

# Details

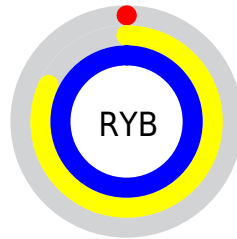
The HunterLab color **83.5985, -70.5484, 47.8027** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **49.7727, 93.4283, -31.3330**, and the grayscale version is **57.0990, -3.0467, 3.1023**.

A 20% lighter version of the original color is **87.5400, -58.6157, 41.7247**, and **61.7575, -52.9571, 37.1276** is the 20% darker color. If you saturate the color by 10%, you get **83.6002, -70.5495, 47.8030**, and if you desaturate by 10%, it is **83.8598, -69.1747, 45.9064**.

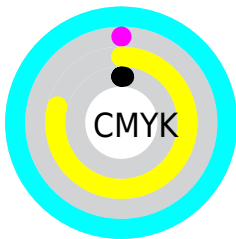
# Distribution



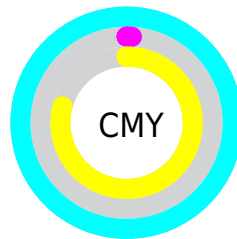
- Red (0%)
- Green (99%)
- Blue (21%)



- Red (0%)
- Yellow (82%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (79%)
- Black (1%)




- Cyan (100%)
- Magenta (1%)
- Yellow (79%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5985, -70.5484, 47.8027 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 83.5985, -70.5484, 47.8027 by changing the saturation by 10% instead.





 83.5985, -70.5484,  
47.8027


 83.5985, -70.5484,  
47.8027


214.5143,  
-110.6685, 85.0134


 71.7195, -65.2800,  
42.9700


 109.1109,  
-80.4282, 56.9277


 60.4619, -59.7317,  
37.9262


 122.6904,  
-85.1023, 61.2610


 49.8640, -53.8428,  
32.6523


 136.7908,  
-89.6320, 65.4656

 39.9699, -47.5303,  
27.2533

 151.3934,  
-94.0360, 69.5563

 30.8336, -40.6805,  
21.5835

 166.4815,  
-98.3298, 73.5460

 22.5242, -33.1455,  
15.7670

182.0401,

 15.1341, -26.4846,

-102.5262, 77.4459

10.5938

198.0552,  
-106.6360, 81.2656

■ 8.7671, -15.3424,  
6.1370

0.0000, NaN, NaN

■ 83.5985, -70.5484,  
47.8027

■ 83.5985, -70.5484,  
47.8027

■ 83.6002, -70.5495,  
47.8030

■ 83.8598, -69.1747,  
45.9064

■ 84.3286, -66.8223,  
43.4122

■ 85.0560, -63.2993,  
40.3287

■ 86.0686, -58.5285,  
36.6724

■ 87.3839, -52.4887,  
32.4767

■ 89.0123, -45.2050,  
27.7891

■ 90.9579, -36.7407,  
22.6680

■ 93.2195, -27.1874,  
17.1784

■ 95.7917, -16.6554,  
11.3874

# Harmonies

## Analogous

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



83.6002, -35.8801, 54.9774



83.5985, -70.5484, 47.8027



83.6002, -85.6713, 22.3580

# Triad

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



83.6002, -70.5495, 47.8030



83.6002, -24.6861, -169.5592



83.6002, 123.2380, 30.9058

# Complementary

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



83.5985, -70.5484, 47.8027



49.7727, 93.4283, -31.3330

# 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.



83.6002, 128.5360, -18.3121



83.5985, -70.5484, 47.8027



83.6002, 32.4057, -161.1341

# Square

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



83.6002, -70.5495, 47.8030



83.6002, -64.2103, -113.4959



83.6002, 91.9098, -94.8984



83.6002, 78.9100, 50.5605



# Rectangle

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



83.5985, -70.5484, 47.8027



83.6002, -86.2047, -12.0540



83.6002, 91.9098, -94.8984



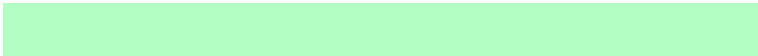
83.6002, 130.0038, 18.3223

# Sweetspot

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



83.6002, -70.5495, 47.8030



92.1844, -37.2548, 22.9847



90.6228, -42.2557, 55.1016



42.2458, -18.9748, 11.6696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.6002, -70.5495, 47.8030



84.7305, -71.5082, 48.4600



85.3078, -59.9667, 22.8237



44.0115, -7.3844, 5.0861



60.3510, -50.8269, 34.2871



18.4072, -15.2147, 9.8369



# Inverse Universe

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



49.7727, 93.4283, -31.3330



50.4445, 94.6866, -31.7355



46.0571, 79.9951, 21.0719



41.7817, 3.0314, -0.4547



35.9538, 67.5415, -23.0414

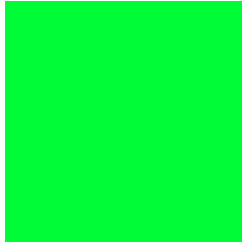


11.0116, 20.8019, -7.9556



# Previews

## White Background



This preview shows how the HunterLab color 83.5985, -70.5484, 47.8027 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

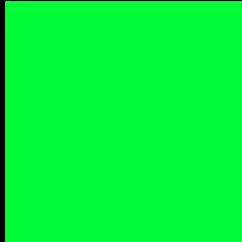
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.5985, -70.5484, 47.8027 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

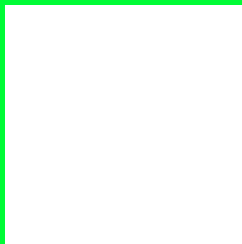
Any Text WCAG AAA ✓ Pass

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

# HunterLab 83.5985, -70.5484, 47.8027 Background



This preview shows how black text looks on a background with the HunterLab color 83.5985, -70.5484, 47.8027.



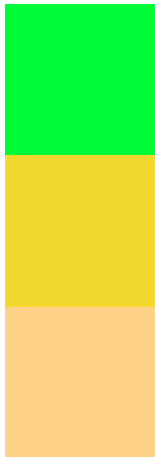
This preview shows how white text looks on a background with the HunterLab color 83.5985, -70.5484, 47.8027.

-70.5484, 47.8027.

# 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

83.5985, -70.5484, 47.8027

### Protanopia

82.5702, -11.2287, 48.9002

### Deuteranopia

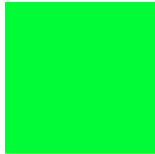
82.5526, 3.0850, 34.1936



## Tritanopia

83.3759, -31.7834, -15.8591

# Trichromacy



## Original Color

83.5985, -70.5484, 47.8027



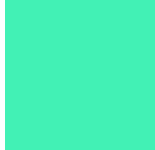
## Protanomaly

79.4494, -44.9458, 46.0827



## Deuteranomaly

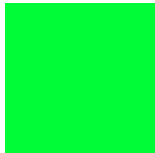
78.7612, -37.7561, 37.6066



## Tritanomaly

82.1006, -52.2687, 18.1048

# Monochromacy



## Original Color

83.5985, -70.5484, 47.8027



## Achromatopsia

56.8457, -3.0331, 3.0885



## Achromatomaly

63.8213, -36.9535, 22.7568

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.5985, -70.5484, 47.8027 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, 252, 54)` looks like.

```
.text, #text, p{  
    color:rgb(0, 252, 54)  
}
```

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, 252, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 252, 54) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.5985, -70.5484, 47.8027 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, 252, 54) }
```



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

```
.border{ border-color:rgb(0, 252, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 252, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 252, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 252, 54);  
box-shadow:4px 4px 4px 4px rgb(0, 252, 54)  
}
```

# Background

The CSS property to change the background color of an element to HunterLab 83.5985, -70.5484, 47.8027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 252, 54) }
```

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

```
.background{ background-color: rgb(0, 252,  
54) }
```

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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