

# Converting Colors

HunterLab(83.1965, -70.6103,  
49.5194)

Have a look what the booklet for  
HunterLab(83.1965, -70.6103,  
49.5194) contains.

<b>HunterLab(83.1913, -70.6117, 49.5203)</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> .....	30

# Color

**HunterLab(83.1913,  
-70.6117, 49.5203)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15FB15
RGB	21, 251, 21
RGB Percent	8%, 98%, 8%
CMY	0.9176, 0.0157, 0.9176
CMYK	0.92, 0.00, 0.92, 0.02
HSL	120°, 97%, 53%
HSV	120°, 92%, 98%
XYZ	34.9418, 69.2079, 12.2263
YIQ	156.0100, -63.2500, -120.2900

# Conversions

## Conversions Part 2

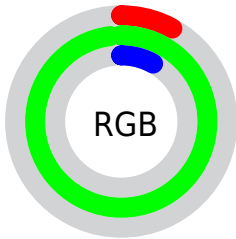
<b>Format</b>	<b>Color</b>
<b>RYB</b>	21, 251, 251
Decimal	1440533
CIELab	86.61, -84.09, 80.42
CIELCh	87, 116.353, 136.278
Yxy	69.2108, 0.3002, 0.5947
Android (android.graphics.Color)	4279630613 (0xFF15FB15)
YUV	156.0100, -66.5599, -118.4038
Hunter-Lab	83.1913, -70.6117, 49.5203

# Details

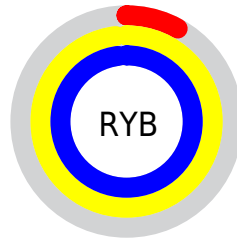
The HunterLab color **83.1913, -70.6117, 49.5203** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **52.9247, 101.1886, -67.8435**, and the grayscale version is **57.9456, -3.0918, 3.1483**.

A 20% lighter version of the original color is **87.4761, -59.3323, 45.1984**, and **61.7575, -52.9571, 37.1276** is the 20% darker color. If you saturate the color by 10%, you get **83.0646, -71.2276, 49.9365**, and if you desaturate by 10%, it is **83.5335, -68.9887, 48.4218**.

# Distribution



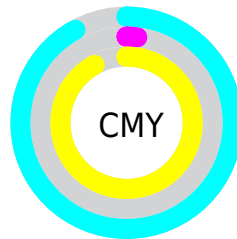
- Red (8%)
- Green (98%)
- Blue (8%)



- Red (8%)
- Yellow (98%)
- Blue (98%)



- Cyan (92%)
- Magenta (0%)
- Yellow (92%)
- Black (2%)




- Cyan (92%)
- Magenta (2%)
- Yellow (92%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1913, -70.6117, 49.5203 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 83.1913, -70.6117, 49.5203 by changing the saturation by 10% instead.




 83.1913, -70.6117,  
49.5203


 83.1913, -70.6117,  
49.5203


213.9566,  
-110.9322, 89.6531


 71.3326, -65.3119,  
44.3019


 108.6658,  
-80.5467, 59.3811

 60.0964, -59.7287,  
38.8658


 122.2276,  
-85.2454, 64.0626


 49.5214, -53.8007,  
33.2029


 136.3108,  
-89.7981, 68.6022

 39.6516, -47.4437,  
27.7561

 150.8969,  
-94.2238, 73.0155

 30.5418, -40.5423,  
21.3793

 165.9691,  
-98.5380, 77.3161

 22.2615, -32.9674,  
15.5831


 181.5121,

 14.9041, -26.0822,


-102.7537, 81.5159


10.4329


197.5122,  
-106.8820, 85.6252


 8.5533, -14.9682,  
5.9873


0.0000, NaN, NaN


 83.1913, -70.6117,  
49.5203


 83.1913, -70.6117,  
49.5203


 83.0646, -71.2276,  
49.9365


 83.5335, -68.9887,  
48.4218


 84.1440, -66.0967,  
46.4657


 85.0592, -61.8061,  
43.5641


 86.3028, -56.0605,  
39.6791

 87.8894, -48.8662,  
34.8153

 89.8256, -40.2817,  
29.0126

 92.1115, -30.4056,  
22.3380

 94.7413, -19.3643,  
14.8775

 97.7053, -7.2993,  
6.7269

# Harmonies

## Analogous

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



83.1930, -33.4214, 55.5439



83.1913, -70.6117, 49.5203



83.1930, -87.3589, 25.9474

# Triad

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



83.1930, -70.6128, 49.5206



83.1930, -29.2530, -178.1942



83.1930, 131.7625, 29.0916

# Complementary

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



83.1913, -70.6117, 49.5203



52.9247, 101.1886, -67.8435

# 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.



83.1930, 133.7850, -24.7339



83.1913, -70.6117, 49.5203



83.1930, 29.1394, -174.9234

# Square

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



83.1930, -70.6128, 49.5206



83.1930, -68.2847, -114.2224



83.1930, 92.3383, -107.0496



83.1930, 87.3965, 50.4775



# Rectangle

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



83.1913, -70.6117, 49.5203



83.1930, -88.7396, -7.9127



83.1930, 92.3383, -107.0496



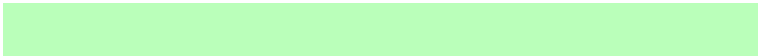
83.1930, 137.7629, 15.3027

# Sweetspot

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



83.1930, -70.6128, 49.5206



92.4823, -36.5308, 26.5099



94.6369, -25.2482, 57.4283



42.4303, -18.4492, 13.3112

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.1930, -70.6128, 49.5206



84.5695, -72.5181, 50.8413



84.2224, -64.1993, 34.3758



43.9423, -7.7715, 6.0776



60.2215, -51.6397, 36.2037



18.3273, -15.7154, 11.0175



# Inverse Universe

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



52.9247, 101.1886, -67.8435



53.3652, 104.9155, -70.3683



47.7745, 82.6509, 1.9774



41.8624, 3.4627, -1.5990



38.0011, 74.7098, -50.1091

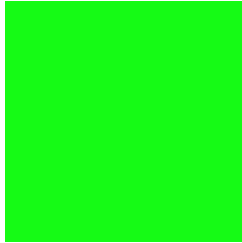


11.5649, 22.7366, -15.2503



# Previews

## White Background



This preview shows how the HunterLab color 83.1913, -70.6117, 49.5203 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

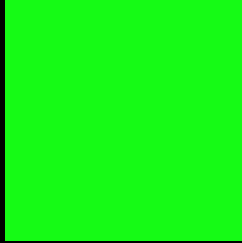
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.1913, -70.6117, 49.5203 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

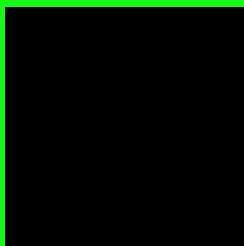
Any Text WCAG AA ✓ Pass

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 83.1913, -70.6117, 49.5203 Background



This preview shows how black text looks on a background with the HunterLab color 83.1913, -70.6117, 49.5203.



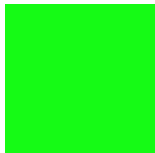
This preview shows how white text looks on a background with the HunterLab color 83.1913, -70.6117, 49.5203.

-70.6117, 49.5203.

# Color Blindness Simulation

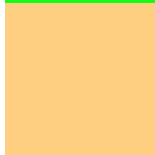
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



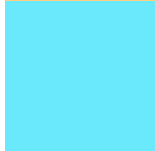
### Original Color

83.1913, -70.6117, 49.5203



### Deuteranopia

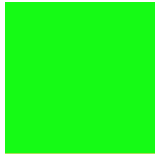
82.1405, 2.9719, 35.6754



### Tritanopia

82.7236, -30.8933, -15.5740

# Trichromacy



## Original Color

83.1913, -70.6117, 49.5203



## Deuteranomaly

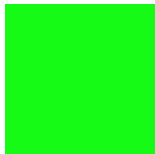
78.7779, -36.3264, 40.6266



## Tritanomaly

81.6602, -52.8282, 22.4964

# Monochromacy



## Original Color

83.1913, -70.6117, 49.5203



## Achromatopsia

57.6586, -3.0765, 3.1327



## Achromatomaly

64.3809, -36.8423, 26.2162

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.1913, -70.6117, 49.5203 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(21, 251, 21)` looks like.

```
.text, #text, p{  
    color:rgb(21, 251, 21)  
}
```

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(21, 251, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 251, 21) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.1913, -70.6117, 49.5203 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(21, 251, 21) }
```

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

```
.border{ border-color:rgb(21, 251, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 251, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 251, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 251, 21);  
box-shadow:4px 4px 4px 4px rgb(21, 251,  
21) }
```



# Background

The CSS property to change the background color of an element to HunterLab 83.1913, -70.6117, 49.5203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 251, 21) }
```

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

```
.background{ background-color: rgb(21, 251,  
21) }
```

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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