

# Converting Colors

HunterLab(84.7055, -71.8778,  
50.4808)

Have a look what the booklet for  
HunterLab(84.7055, -71.8778,  
50.4808) contains.

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# Color

**HunterLab(84.7069,  
-71.8707, 50.4746)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17FF14
RGB	23, 255, 20
RGB Percent	9%, 100%, 8%
CMY	0.9098, 0.0000, 0.9215
CMYK	0.91, 0.00, 0.92, 0.00
HSL	119°, 100%, 54%
HSV	119°, 92%, 100%
XYZ	36.2395, 71.7526, 12.6014
YIQ	158.8420, -62.8370, -122.2690

# Conversions

## Conversions Part 2

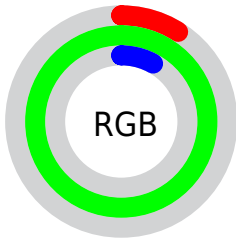
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 255, 252
Decimal	1572628
CIELab	87.85, -85.06, 81.58
CIELCh	88, 117.861, 136.196
Yxy	71.7527, 0.3005, 0.5950
Android (android.graphics.Color)	4279762708 (0xFF17FF14)
YUV	158.8420, -68.4491, -119.1334
Hunter-Lab	84.7069, -71.8707, 50.4746

# Details

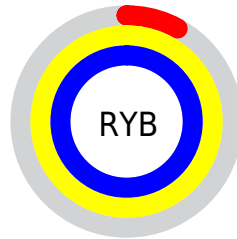
The HunterLab color **84.7069, -71.8707, 50.4746** is a dark color, and the websafe version is hex **00FF00**. The color can be described as dark washed green. A complement of this color would be **53.3113, 102.4242, -70.5745**, and the grayscale version is **59.1071, -3.1538, 3.2114**.

A 20% lighter version of the original color is **87.5604, -58.9867, 45.2637**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5818, -72.4656, 50.8503**, and if you desaturate by 10%, it is **85.0566, -70.2122, 49.4147**.

# Distribution



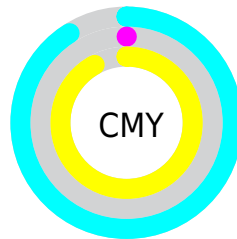
- Red (9%)
- Green (100%)
- Blue (8%)



- Red (8%)
- Yellow (100%)
- Blue (99%)



- Cyan (91%)
- Magenta (0%)
- Yellow (92%)
- Black (0%)



- Cyan (91%)
- Magenta (0%)
- Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7069, -71.8707, 50.4746 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 84.7069, -71.8707, 50.4746 by changing the saturation by 10% instead.



■ 84.7069, -71.8707,  
50.4746

■ 84.7069, -71.8707,  
50.4746

■ 216.0279,  
-112.4648, 90.9843

■ 72.7714, -66.5418,  
45.2140

■ 110.3200,  
-81.8639, 60.4192

■ 61.4558, -60.9334,  
39.7381

■ 123.9475,  
-86.5934, 65.1435

■ 50.7965, -54.9842,  
34.0369

■ 138.0941,  
-91.1771, 69.7258

■ 40.8365, -48.6124,  
28.4925

■ 152.7414,  
-95.6338, 74.1816

■ 31.6289, -41.7062,  
22.1403

■ 167.8728,  
-99.9790, 78.5243

■ 23.2412, -34.1136,  
16.2689


■ 183.4733,

■ 15.7630, -27.5853,


-104.2256, 82.7656


11.0341


199.5292,  
-108.3844, 86.9160


 9.3219, -16.3134,  
6.5253


0.0000, NaN, NaN


 84.7069, -71.8707,  
50.4746


 84.7069, -71.8707,  
50.4746


 84.5818, -72.4656,  
50.8503


 85.0566, -70.2122,  
49.4147


 85.6770, -67.2808,  
47.4880


 86.6028, -62.9470,  
44.5994


 87.8573, -57.1546,  
40.7063

 89.4548, -49.9091,  
35.8096

 91.4022, -41.2677,  
29.9465

 93.6995, -31.3277,  
23.1823

 96.3414, -20.2138,  
15.6017

 99.3181, -8.0661,  
7.3007

# Harmonies

## Analogous

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



84.7070, -33.9193, 56.5726



84.7069, -71.8707, 50.4746



84.7070, -88.9796, 26.5419

# Triad

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



84.7070, -71.8704, 50.4739



84.7070, -29.9442, -181.5802



84.7070, 134.3783, 29.5397

# Complementary

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



84.7069, -71.8707, 50.4746



53.3113, 102.4242, -70.5745

# Split Complementary

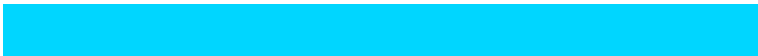
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7070, 136.3079, -25.4139



84.7069, -71.8707, 50.4746



84.7070, 29.5216, -178.4584

# Square

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



84.7070, -71.8704, 50.4739



84.7070, -69.6507, -116.2145



84.7070, 93.9595, -109.3693



84.7070, 89.2447, 51.3852



# Rectangle

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



84.7069, -71.8707, 50.4746



84.7070, -90.4169, -7.8921



84.7070, 93.9595, -109.3693



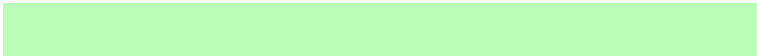
84.7070, 140.4520, 15.4577

# Sweetspot

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



84.7070, -71.8704, 50.4739



92.3129, -37.2955, 27.2455



95.0564, -23.8405, 57.7425



42.2705, -19.1643, 13.9035

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.7070, -71.8704, 50.4739



84.5818, -72.4656, 50.8503



85.6615, -65.8815, 36.1224



44.9212, -7.9099, 6.2334



61.1444, -52.3656, 36.7601



19.0889, -16.2986, 11.4772



# Inverse Universe

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



53.3113, 102.4242, -70.5745



52.7944, 104.0873, -71.8940



48.6795, 84.6962, 0.5834



42.7644, 3.5030, -1.6626



38.1698, 75.2504, -51.9503

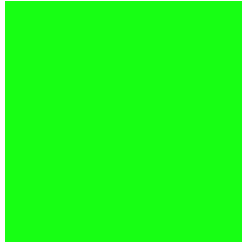


11.9256, 23.5030, -16.1701



# Previews

## White Background



This preview shows how the HunterLab color 84.7069, -71.8707, 50.4746 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

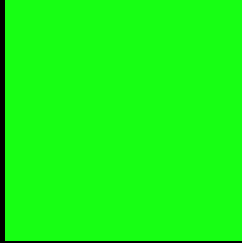
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.7069, -71.8707, 50.4746 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

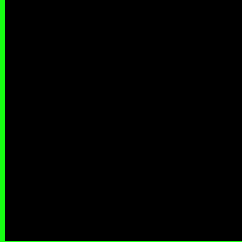
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

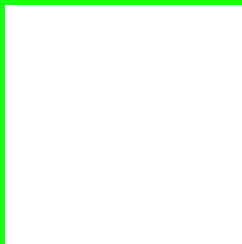
Any Text WCAG AAA ✓ Pass

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

## HunterLab 84.7069, -71.8707, 50.4746 Background



This preview shows how black text looks on a background with the HunterLab color 84.7069, -71.8707, 50.4746.



This preview shows how white text looks on a background with the HunterLab color 84.7069, -71.8707, 50.4746.

-71.8707, 50.4746.

# 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

84.7069, -71.8707, 50.4746

### Protanopia

83.8188, -11.7995, 51.4422

### Deuteranopia

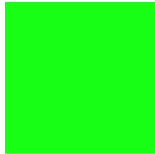
83.5836, 2.2979, 32.8274



## Tritanopia

84.1759, -30.4316, -15.3018

# Trichromacy



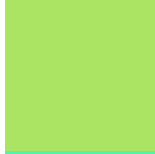
## Original Color

84.7069, -71.8707, 50.4746



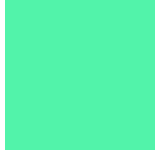
## Protanomaly

81.0727, -44.0942, 49.0377



## Deuteranomaly

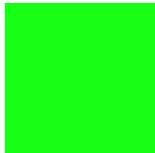
80.3100, -37.1547, 40.1214



## Tritanomaly

82.9441, -53.0747, 22.9959

# Monochromacy



## Original Color

84.7069, -71.8707, 50.4746



## Achromatopsia

58.8816, -3.1418, 3.1991



## Achromatomaly

65.5601, -37.3269, 26.9139

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.7069, -71.8707, 50.4746 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(23, 255, 20)` looks like.

```
.text, #text, p{  
    color:rgb(23, 255, 20)  
}
```

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(23, 255, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 255, 20) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.7069, -71.8707, 50.4746 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(23, 255, 20) }
```



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

```
.border{ border-color:rgb(23, 255, 20) }
```

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

Here you see how a box with a 4 pixel rgb(23, 255, 20) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 255, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 255, 20);  
box-shadow:4px 4px 4px 4px rgb(23, 255,  
20) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.7069, -71.8707, 50.4746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 255, 20) }
```

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

```
.background{ background-color: rgb(23, 255,  
20) }
```

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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