

Converting Colors

HunterLab(83.6704, -70.4768,
49.6719)

Have a look what the booklet for
HunterLab(83.6704, -70.4768,
49.6719) contains.

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Color

**HunterLab(83.6746,
-70.4584, 49.6747)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 21FC19 |
| RGB | 33, 252, 25 |
| RGB Percent | 13%, 99%, 10% |
| CMY | 0.8706, 0.0117, 0.9019 |
| CMYK | 0.87, 0.00, 0.90, 0.01 |
| HSL | 118°, 97%, 54% |
| HSV | 118°, 90%, 99% |
| XYZ | 35.6131, 70.0144, 12.5569 |
| YIQ | 160.6410, -57.6570, -117.0250 |

Conversions

Conversions Part 2

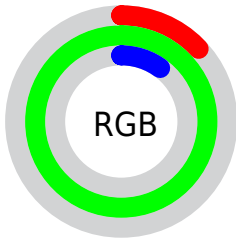
| Format | Color |
|-------------------------------------|---|
| RYB | 25, 252, 244 |
| Decimal | 2227225 |
| CIELab | 87.01, -83.52, 80.24 |
| CIELCh | 87, 115.820, 136.147 |
| Yxy | 70.0173, 0.3013, 0.5924 |
| Android (android.graphics.Color) | 4280417305 (0xFF21FC19) |
| YUV | 160.6410, -66.8710, -111.9412 |
| Hunter-Lab | 83.6746, -70.4584, 49.6747 |

Details

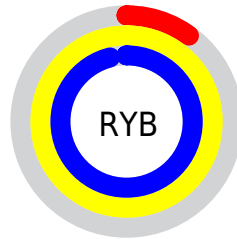
The HunterLab color **83.6746, -70.4584, 49.6747** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark washed green. A complement of this color would be **51.9251, 99.0134, -71.4329**, and the grayscale version is **59.8364, -3.1927, 3.2510**.

A 20% lighter version of the original color is **87.6678, -58.5035, 45.0130**, and **62.1157, -53.2642, 37.3429** is the 20% darker color. If you saturate the color by 10%, you get **83.4751, -71.4038, 50.1869**, and if you desaturate by 10%, it is **84.1041, -68.4472, 48.4814**.

Distribution



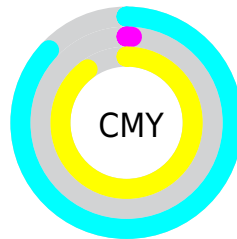
- Red (13%)
- Green (99%)
- Blue (10%)



- Red (10%)
- Yellow (99%)
- Blue (96%)



- Cyan (87%)
- Magenta (0%)
- Yellow (90%)
- Black (1%)



- Cyan (87%)
- Magenta (1%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.6746, -70.4584, 49.6747 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 83.6746, -70.4584, 49.6747 by changing the saturation by 10% instead.

83.6746, -70.4584,
49.6747

83.6746, -70.4584,
49.6747

214.6184,
-110.4883, 89.6840

71.7918, -65.2035,
44.4748

109.1941,
-80.3142, 59.5016

60.5302, -59.6697,
39.0580

122.7769,
-84.9774, 64.1678

49.9281, -53.7967,
33.4141

136.8805,
-89.4968, 68.6930

40.0294, -47.5019,
27.9375

151.4862,
-93.8910, 73.0929

30.8882, -40.6718,
21.6217

166.5773,
-98.1754, 77.3808

22.5734, -33.1560,
15.8014

182.1387,

15.1771, -26.5600,

-102.3628, 81.5687

10.6240

198.1567,
-106.4641, 85.6667

■ 8.8064, -15.4113,
6.1645

0.0000, NaN, NaN

■ 83.6746, -70.4584,
49.6747

■ 83.6746, -70.4584,
49.6747


■ 83.4751, -71.4038,
50.1869


■ 84.1041, -68.4472,
48.4814


■ 84.8026, -65.1691,
46.4071


■ 85.8001, -60.5270,
43.3692


■ 87.1159, -54.4865,
39.3336

 88.7610, -47.0680,
34.3067

 90.7399, -38.3364,
28.3286

 93.0513, -28.3906,
21.4650

 95.6890, -17.3519,
13.7989

 98.6431, -5.3536,
5.4230

Harmonies

Analogous

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



83.6763, -33.1793, 55.7572



83.6746, -70.4584, 49.6747



83.6763, -87.3235, 26.1135

Triad

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



83.6763, -70.4596, 49.6750



83.6763, -29.4429, -176.7431



83.6763, 131.2211, 28.9381

Complementary

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



83.6746, -70.4584, 49.6747



51.9251, 99.0134, -71.4329

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.



83.6763, 133.0256, -24.9064



83.6746, -70.4584, 49.6747



83.6763, 28.7238, -173.8338

Square

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



83.6763, -70.4596, 49.6750



83.6763, -68.3672, -113.1176



83.6763, 91.6630, -106.7301



83.6763, 87.2503, 50.5442

Rectangle

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



83.6746, -70.4584, 49.6747



83.6763, -88.7575, -7.5710



83.6763, 91.6630, -106.7301



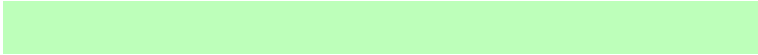
83.6763, 137.1178, 15.0999

Sweetspot

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



83.6763, -70.4596, 49.6750



92.6475, -35.9008, 26.6783



91.3637, -19.8518, 55.3528



42.5120, -18.1344, 13.3922

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.6763, -70.4596, 49.6750



84.6037, -72.3719, 50.8654



84.4791, -65.3180, 36.7812



43.9753, -7.6527, 6.1161



60.2570, -51.4878, 36.2287



18.3651, -15.5538, 11.0442

Inverse Universe

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



51.9251, 99.0134, -71.4329



51.7872, 102.6284, -74.6065



48.5695, 84.0177, -3.7525



41.8230, 3.3312, -1.6519



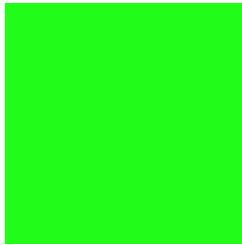
36.8974, 73.1101, -53.0721



11.2711, 22.3104, -16.0370

Previews

White Background



This preview shows how the HunterLab color 83.6746, -70.4584, 49.6747 looks on a white background.

Color Contrast Check

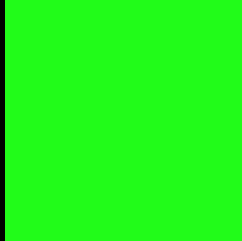
Large Text (above 18pt) WCAG AA × Fail

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 83.6746, -70.4584, 49.6747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

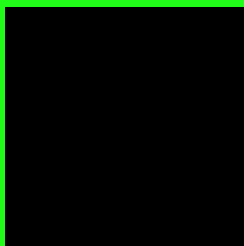
Any Text WCAG AA ✓ Pass

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 83.6746, -70.4584, 49.6747 Background



This preview shows how black text looks on a background with the HunterLab color 83.6746, -70.4584, 49.6747.



This preview shows how white text looks on a background with the HunterLab color 83.6746, -70.4584, 49.6747.

-70.4584, 49.6747.

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

83.6746, -70.4584, 49.6747

Protanopia

82.5630, -11.4841, 50.6739

Deuteranopia

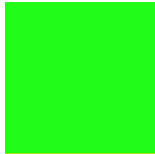
82.5185, 2.9011, 34.6929



Tritanopia

83.1797, -30.8437, -15.5239

Trichromacy



Original Color

83.6746, -70.4584, 49.6747



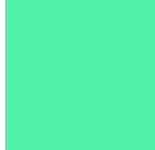
Protanomaly

80.1710, -42.3225, 48.4689



Deuteranomaly

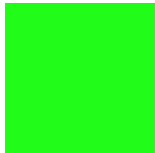
79.4469, -35.3844, 40.4324



Tritanomaly

82.1962, -52.4083, 22.2994

Monochromacy



Original Color

83.6746, -70.4584, 49.6747



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

65.8262, -36.1342, 26.1221

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.6746, -70.4584, 49.6747 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(33, 252, 25)` looks like.

```
.text, #text, p{  
    color:rgb(33, 252, 25)  
}
```

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(33, 252, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 252, 25) }
```

Border

The CSS property to change the border of an element to HunterLab 83.6746, -70.4584, 49.6747 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(33, 252, 25) }
```


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

```
.border{ border-color:rgb(33, 252, 25) }
```

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

Here you see how a box with a 4 pixel rgb(33, 252, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 252, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 252, 25);  
box-shadow:4px 4px 4px 4px rgb(33, 252,  
25) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.6746, -70.4584, 49.6747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 252, 25) }
```

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

```
.background{ background-color: rgb(33, 252,  
25) }
```

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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