

Converting Colors

HunterLab(85.8925, -66.6268,
49.5982)

Have a look what the booklet for
HunterLab(85.8925, -66.6268,
49.5982) contains.

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Color

**HunterLab(85.8983,
-66.6021, 49.6024)**

Conversions

Conversions Part 1

Format	Color
Hex	57FF33
RGB	87, 255, 51
RGB Percent	34%, 100%, 20%
CMY	0.6588, 0.0000, 0.8000
CMYK	0.66, 0.00, 0.80, 0.00
HSL	109°, 100%, 60%
HSV	109°, 80%, 100%
XYZ	40.2880, 73.7852, 15.2505
YIQ	181.5120, -34.6440, -99.0600

Conversions

Conversions Part 2

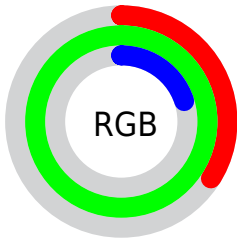
Format	Color
RYB	51, 255, 219
Decimal	5766963
CIELab	88.82, -76.22, 76.86
CIElCh	89, 108.245, 134.762
Yxy	73.7853, 0.3115, 0.5705
Android (android.graphics.Color)	4283957043 (0xFF57FF33)
YUV	181.5120, -64.3424, -82.8870
Hunter-Lab	85.8983, -66.6021, 49.6024

Details

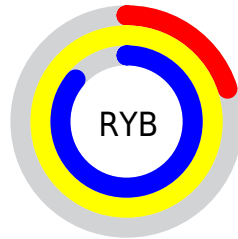
The HunterLab color **85.8983, -66.6021, 49.6024** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **49.6488, 87.3066, -80.8576**, and the grayscale version is **68.4621, -3.6530, 3.7197**.

A 20% lighter version of the original color is **89.3324, -51.4135, 43.5803**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.2940, -69.3467, 50.6842**, and if you desaturate by 10%, it is **86.7393, -62.7557, 47.6123**.

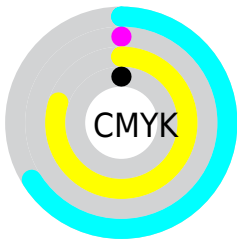
Distribution



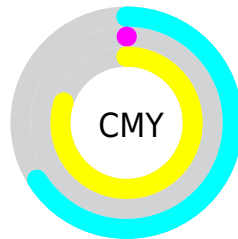
- Red (34%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8983, -66.6021, 49.6024 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 85.8983, -66.6021, 49.6024 by changing the saturation by 10% instead.

85.8983, -66.6021,
49.6024

85.8983, -66.6021,
49.6024

217.6539,
-103.3279, 87.9129

73.9042, -61.8286,
44.6349

111.6205,
-75.5843, 58.9895

62.5270, -56.8171,
39.4578

125.2994,
-79.8491, 63.4509

51.8021, -51.5142,
34.0529

139.4954,
-83.9908, 67.7809

41.7721, -45.8482,
28.5144

154.1905,
-88.0254, 71.9941

32.4887, -39.7195,
22.7421

169.3681,
-91.9662, 76.1034

24.0179, -32.9870,
16.8125

185.0134,

16.4465, -27.4825,

-95.8243, 80.1201

11.5125

201.1128,
-99.6088, 84.0538

■ 9.8978, -17.3212,
6.9285

0.0000, NaN, NaN

■ 85.8983, -66.6021,
49.6024

■ 85.8983, -66.6021,
49.6024

■ 85.2940, -69.3467,
50.6842

■ 86.7393, -62.7557,
47.6123

■ 84.8987, -71.1119,
51.0690

■ 87.8332, -57.7605,
44.6242

■ 84.8986, -71.1124,
51.0692

■ 89.1908, -51.6100,
40.5920

■ 90.8177, -44.3321,
35.5079

■ 92.7157, -35.9825,
29.3946

■ 94.8826, -26.6377,
22.2990

■ 97.3135, -16.3881,
14.2855

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



85.8984, -29.6813, 55.9962



85.8983, -66.6021, 49.6024



85.8984, -84.0887, 26.9576

Triad

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



85.8984, -66.6018, 49.6017



85.8984, -30.4204, -157.7198



85.8984, 121.9759, 26.3871

Complementary

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



85.8983, -66.6021, 49.6024



49.6488, 87.3066, -80.8576

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.



85.8984, 121.6346, -25.8512



85.8983, -66.6021, 49.6024



85.8984, 23.7641, -158.2533

Square

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



85.8984, -66.6018, 49.6017



85.8984, -67.0260, -99.2394



85.8984, 82.3120, -100.4247



85.8984, 83.1529, 49.4073

Rectangle

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



85.8983, -66.6021, 49.6024



85.8984, -86.0324, -4.0146



85.8984, 82.3120, -100.4247



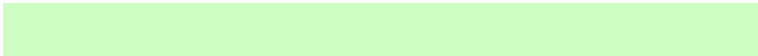
85.8984, 126.6994, 12.5433

Sweetspot

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



85.8984, -66.6018, 49.6017



93.9830, -30.4929, 25.2539



84.5196, -6.8192, 49.7634



43.1271, -15.6360, 12.8413

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.8984, -66.6018, 49.6017



85.0352, -70.5042, 50.9598



85.7181, -66.1788, 40.3146



45.0801, -7.3387, 6.4164



61.4056, -51.2502, 36.9406



19.2653, -15.5482, 11.5990

Inverse Universe

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



49.6488, 87.3066, -80.8576



46.2712, 93.6141, -91.0756



52.3104, 85.0874, -21.7541



42.5779, 2.8780, -1.9115



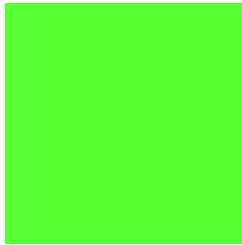
33.1540, 68.1559, -66.7825



10.5394, 21.5342, -20.2059

Previews

White Background



This preview shows how the HunterLab color 85.8983, -66.6021, 49.6024 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 85.8983, -66.6021, 49.6024 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 85.8983, -66.6021, 49.6024 Background



This preview shows how black text looks on a background with the HunterLab color 85.8983, -66.6021, 49.6024.



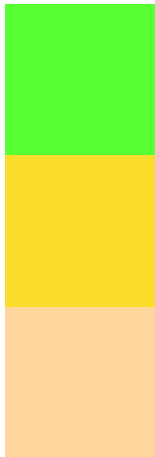
This preview shows how white text looks on a background with the HunterLab color 85.8983,

-66.6021, 49.6024.

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

85.8983, -66.6021, 49.6024

Protanopia

84.8645, -11.0770, 50.5688

Deuteranopia

85.0066, 1.4634, 30.4689



Tritanopia

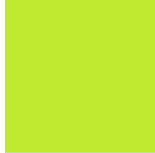
85.6022, -26.8137, -13.2492

Trichromacy



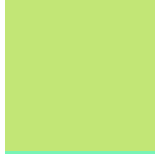
Original Color

85.8983, -66.6021, 49.6024



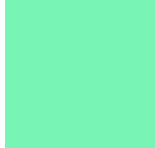
Protanomaly

83.3153, -36.8624, 48.9265



Deuteranomaly

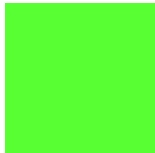
83.2892, -30.4235, 38.5889



Tritanomaly

84.8709, -46.6517, 20.9407

Monochromacy



Original Color

85.8983, -66.6021, 49.6024



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

73.1609, -32.5461, 26.2336

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.8983, -66.6021, 49.6024 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(87, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 51)  
}
```

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(87, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.8983, -66.6021, 49.6024 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(87, 255, 51) }
```


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

```
.border{ border-color:rgb(87, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(87, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.8983, -66.6021, 49.6024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 255, 51) }
```

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

```
.background{ background-color: rgb(87, 255,  
51) }
```

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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