

Converting Colors

HunterLab(85.7685, -67.1478,
49.5096)

Have a look what the booklet for
HunterLab(85.7685, -67.1478,
49.5096) contains.

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Color

**HunterLab(85.7630,
-67.1713, 49.5056)**

Conversions

Conversions Part 1

Format	Color
Hex	52FF33
RGB	82, 255, 51
RGB Percent	32%, 100%, 20%
CMY	0.6784, 0.0000, 0.8000
CMYK	0.68, 0.00, 0.80, 0.00
HSL	111°, 100%, 60%
HSV	111°, 80%, 100%
XYZ	39.8372, 73.5529, 15.2295
YIQ	180.0170, -37.6240, -100.1200

Conversions

Conversions Part 2

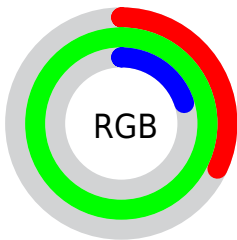
Format	Color
R _Y B	51, 255, 224
Decimal	5439283
CIE Lab	88.71, -77.15, 76.72
CIE LCh	89, 108.802, 135.163
Yxy	73.5529, 0.3097, 0.5719
Android (android.graphics.Color)	4283629363 (0xFF52FF33)
YUV	180.0170, -63.6054, -85.9609
Hunter-Lab	85.7630, -67.1713, 49.5056

Details

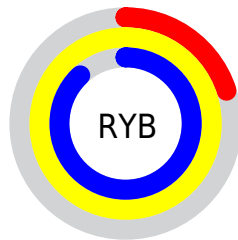
The HunterLab color **85.7630, -67.1713, 49.5056** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **50.4355, 88.6180, -78.5876**, and the grayscale version is **67.8345, -3.6195, 3.6856**.

A 20% lighter version of the original color is **89.1125, -52.2948, 43.4032**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.1849, -69.8091, 50.6081**, and if you desaturate by 10%, it is **86.5850, -63.3965, 47.4975**.

Distribution



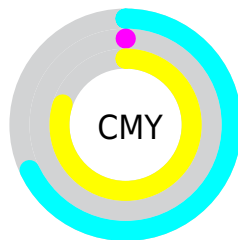
- Red (32%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (88%)



- Cyan (68%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7630, -67.1713, 49.5056 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 85.7630, -67.1713, 49.5056 by changing the saturation by 10% instead.

85.7630, -67.1713,
49.5056

85.7630, -67.1713,
49.5056

217.4693,
-104.3012, 87.7646

73.7755, -62.3398,
44.5442

111.4728,
-76.2590, 58.8805

62.4052, -57.2659,
39.3731

125.1459,
-80.5723, 63.3361

51.6878, -51.8954,
33.9740

139.3363,
-84.7602, 67.6601

41.6656, -46.1556,
28.4428

154.0259,
-88.8389, 71.8676

32.3908, -39.9454,
22.6736

169.1983,
-92.8220, 75.9714

23.9294, -33.1221,
16.7506

184.8385,

16.3685, -27.7141,

-96.7206, 79.9825

11.4580

200.9330,
-100.5443, 83.9108

■ 9.8320, -17.2060,
6.8824

0.0000, NaN, NaN

■ 85.7630, -67.1713,
49.5056

■ 85.7630, -67.1713,
49.5056

■ 85.1849, -69.8091,
50.6081

■ 86.5850, -63.3965,
47.4975

■ 84.8213, -71.4421,
51.0155

■ 87.6690, -58.4319,
44.4952

■ 84.8211, -71.4426,
51.0157

■ 89.0266, -52.2678,
40.4544

■ 90.6645, -44.9321,
35.3695

■ 92.5845, -36.4831,
29.2663

■ 94.7845, -27.0015,
22.1950

■ 97.2593, -16.5829,
14.2231

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.



85.7630, -30.4059, 55.9812



85.7630, -67.1713, 49.5056



85.7630, -84.4381, 26.5487

Triad

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



85.7630, -67.1709, 49.5048



85.7630, -29.8972, -159.4128



85.7630, 122.4481, 26.9408

Complementary

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



85.7630, -67.1713, 49.5056



50.4355, 88.6180, -78.5876

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.



85.7630, 122.6837, -25.1235



85.7630, -67.1713, 49.5056



85.7630, 24.7156, -159.0436

Square

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



85.7630, -67.1709, 49.5048



85.7630, -66.8795, -100.9712



85.7630, 83.5208, -100.1517



85.7630, 82.9405, 49.6375

Rectangle

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



85.7630, -67.1713, 49.5056



85.7630, -86.2342, -4.8372



85.7630, 83.5208, -100.1517



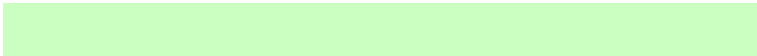
85.7630, 127.3956, 13.1967

Sweetspot

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



85.7630, -67.1709, 49.5048



93.8703, -30.9159, 25.1385



85.5645, -8.5171, 50.4043



43.0696, -15.8539, 12.7841

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7630, -67.1709, 49.5048



84.9447, -70.8895, 50.8970



85.7649, -65.8888, 39.6277



45.0561, -7.4247, 6.3888



61.3455, -51.5061, 36.8991



19.2384, -15.6620, 11.5804

Inverse Universe

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



50.4355, 88.6180, -78.5876



47.2415, 94.9806, -87.9638



52.1695, 84.5511, -19.8059



42.6056, 2.9710, -1.8745



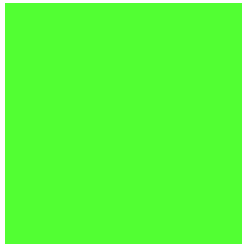
33.8740, 69.1471, -64.4423



10.7396, 21.8121, -19.5729

Previews

White Background



This preview shows how the HunterLab color 85.7630, -67.1713, 49.5056 looks on a white background.

Color Contrast Check

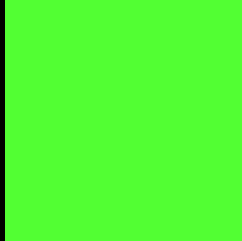
Large Text (above 18pt) WCAG AA × Fail

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 85.7630, -67.1713, 49.5056 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 85.7630, -67.1713, 49.5056 Background



This preview shows how black text looks on a background with the HunterLab color 85.7630, -67.1713, 49.5056.



This preview shows how white text looks on a background with the HunterLab color 85.7630,

-67.1713, 49.5056.

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

85.7630, -67.1713, 49.5056

Protanopia

84.7564, -11.4615, 50.4935

Deuteranopia

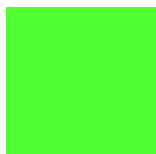
84.6875, 1.8749, 30.5064



Tritanopia

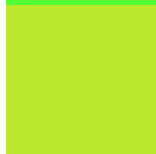
85.4533, -27.3709, -13.4649

Trichromacy



Original Color

85.7630, -67.1713, 49.5056



Protanomaly

83.1617, -37.4572, 48.8181



Deuteranomaly

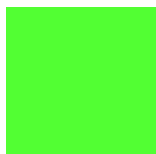
82.7825, -30.6561, 38.4199



Tritanomaly

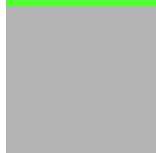
84.7057, -47.3089, 20.7679

Monochromacy



Original Color

85.7630, -67.1713, 49.5056



Achromatopsia

67.5582, -3.6047, 3.6706



Achromatomaly

72.2831, -32.5372, 25.7693

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7630, -67.1713, 49.5056 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(82, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(82, 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(82, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 255, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7630, -67.1713, 49.5056 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(82, 255, 51) }
```


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

```
.border{ border-color:rgb(82, 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(82, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(82, 255,  
51) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7630, -67.1713, 49.5056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 255, 51) }
```

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

```
.background{ background-color: rgb(82, 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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