

Converting Colors

HunterLab(85.7537, -67.4888,
51.6595)

Have a look what the booklet for
HunterLab(85.7537, -67.4888,
51.6595) contains.

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Color

**HunterLab(85.7591,
-67.4662, 51.6632)**

Conversions

Conversions Part 1

Format	Color
Hex	57FF00
RGB	87, 255, 0
RGB Percent	34%, 100%, 0%
CMY	0.6588, 0.0000, 0.9998
CMYK	0.66, 0.00, 1.00, 0.00
HSL	100°, 100%, 50%
HSV	100°, 100%, 100%
XYZ	39.6905, 73.5462, 12.1040
YIQ	175.6980, -18.2730, -114.9210

Conversions

Conversions Part 2

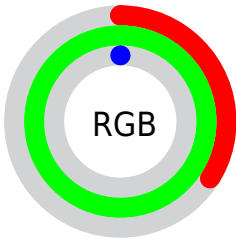
Format	Color
RYB	0, 255, 168
Decimal	5766912
CIELab	88.71, -77.60, 84.36
CIELCh	89, 114.624, 132.609
Yxy	73.5463, 0.3167, 0.5868
Android (android.graphics.Color)	4283956992 (0xFF57FF00)
YUV	175.6980, -86.6191, -77.7881
Hunter-Lab	85.7591, -67.4662, 51.6632

Details

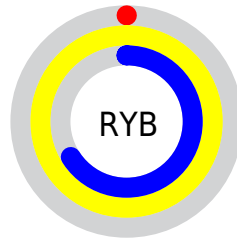
The HunterLab color $85.7591, -67.4662, 51.6632$ is a dark color, and the websafe version is hex $66FF00$. The color can be described as dark saturated green. A complement of this color would be $39.4340, 85.8345, -116.4435$, and the grayscale version is $66.1211, -3.5281, 3.5925$.

A 20% lighter version of the original color is $89.1507, -52.6178, 47.1258$, and $63.1922, -54.1873, 37.9901$ is the 20% darker color. If you saturate the color by 10%, you get $85.7583, -67.4695, 51.6627$, and if you desaturate by 10%, it is $86.3272, -64.9990, 51.4036$.

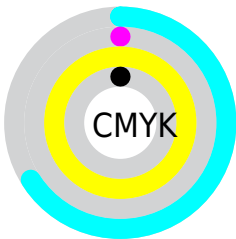
Distribution



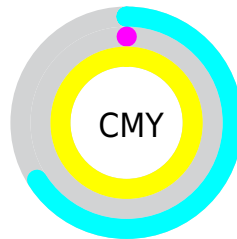
- Red (34%)
- Green (100%)
- Blue (0%)



- Red (0%)
- Yellow (100%)
- Blue (66%)



- Cyan (66%)
- Magenta (0%)
- Yellow (100%)
- Black (0%)



- Cyan (66%)
- Magenta (0%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.7591, -67.4662, 51.6632 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 85.7591, -67.4662, 51.6632 by changing the saturation by 10% instead.

85.7591, -67.4662,
51.6632

85.7591, -67.4662,
51.6632

217.4640,
-104.7854, 93.3060

73.7718, -62.6080,
46.2620

111.4686,
-76.6030, 61.8829

62.4017, -57.5055,
40.6459

125.1415,
-80.9390, 66.7402

51.6845, -52.1042,
34.8084

139.3318,
-85.1485, 71.4520

41.6626, -46.3310,
29.1638

154.0212,
-89.2479, 76.0336

32.3880, -40.0842,
22.6716

169.1934,
-93.2508, 80.4987

23.9268, -33.2209,
16.7488

184.8335,

16.3663, -27.8326,

-97.1685, 84.8590

11.4564

200.9279,
-101.0106, 89.1251

■ 9.8301, -17.2027,
6.8811

0.0000, NaN, NaN

■ 85.7591, -67.4662,
51.6632

■ 85.7591, -67.4662,
51.6632

■ 85.7583, -67.4695,
51.6627

■ 86.3272, -64.9990,
51.4036

■ 87.0608, -61.7574,
50.4291

■ 87.9786, -57.6566,
48.5279

■ 89.0903, -52.6695,
45.6021

■ 90.4024, -46.7953,
41.5961

■ 91.9181, -40.0539,
36.4873

■ 93.6382, -32.4823,
30.2806

■ 95.5615, -24.1296,
23.0023

■ 97.6850, -15.0541,
14.6959

Harmonies

Analogous

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



85.7591, -27.4639, 56.9843



85.7591, -67.4662, 51.6632



85.7591, -86.8021, 30.5841

Triad

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



85.7591, -67.4659, 51.6624



85.7591, -35.2626, -169.2570



85.7591, 132.6309, 24.6457

Complementary

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



85.7591, -67.4662, 51.6632



39.4340, 85.8345, -116.4435

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.



85.7591, 128.9200, -33.2108



85.7591, -67.4662, 51.6632



85.7591, 20.9863, -175.1796

Square

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



85.7591, -67.4659, 51.6624



85.7591, -71.8694, -101.8094



85.7591, 84.1127, -114.8640



85.7591, 93.2098, 49.7701

Rectangle

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



85.7591, -67.4662, 51.6632



85.7591, -89.6025, -0.2729



85.7591, 84.1127, -114.8640



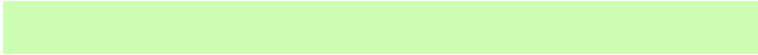
85.7591, 136.6340, 9.3316

Sweetspot

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



85.7591, -67.4659, 51.6624



93.6353, -32.4953, 30.2916



69.6039, 18.8148, 43.2180



42.9730, -16.5560, 15.2860

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.7591, -67.4659, 51.6624



85.7583, -67.4695, 51.6627



84.6534, -71.9916, 49.6014



45.2429, -6.7557, 6.6033



62.0503, -48.5210, 37.3857



19.5098, -14.5210, 11.7676

Inverse Universe

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



39.4340, 85.8345, -116.4435



39.4308, 85.8365, -116.4567



51.2425, 97.5014, -42.4805



42.3934, 2.2574, -2.1587



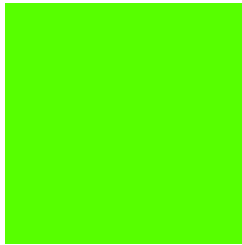
28.6528, 62.2350, -83.5477



9.2721, 19.8402, -24.7176

Previews

White Background



This preview shows how the HunterLab color 85.7591, -67.4662, 51.6632 looks on a white background.

Color Contrast Check

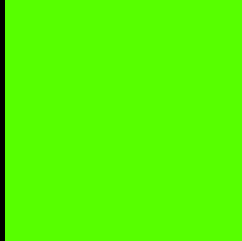
Large Text (above 18pt) WCAG AA × Fail

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 85.7591, -67.4662, 51.6632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

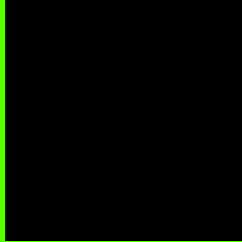
Any Text WCAG AA ✓ Pass

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 85.7591, -67.4662, 51.6632 Background



This preview shows how black text looks on a background with the HunterLab color 85.7591, -67.4662, 51.6632.



This preview shows how white text looks on a background with the HunterLab color 85.7591,

-67.4662, 51.6632.

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

85.7591, -67.4662, 51.6632

Protanopia

84.7659, -11.6248, 52.0289

Deuteranopia

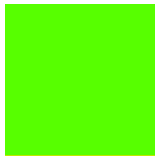
84.6677, 1.7682, 30.7944



Tritanopia

85.2140, -26.5270, -13.7820

Trichromacy



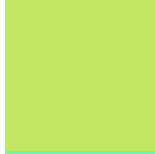
Original Color

85.7591, -67.4662, 51.6632



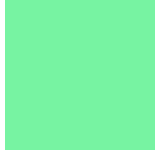
Protanomaly

83.2015, -37.5304, 50.6114



Deuteranomaly

82.6981, -31.4633, 42.1229



Tritanomaly

84.0427, -48.9922, 26.8142

Monochromacy



Original Color

85.7591, -67.4662, 51.6632



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.2473, -33.8446, 30.5532

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7591, -67.4662, 51.6632 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(87, 255, 0)  
}
```

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, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 255, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7591, -67.4662, 51.6632 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, 0) }
```


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

```
.border{ border-color:rgb(87, 255, 0) }
```

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, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 255, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 255, 0);  
box-shadow:4px 4px 4px 4px rgb(87, 255, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 85.7591, -67.4662, 51.6632 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, 0) }
```

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

```
.background{ background-color: rgb(87, 255,  
0) }
```

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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