

Converting Colors

HunterLab(85.1417, -68.0448,
47.9256)

Have a look what the booklet for
HunterLab(85.1417, -68.0448,
47.9256) contains.

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Color

**HunterLab(85.0750,
-68.0036, 47.8519)**

Conversions

Conversions Part 1

Format	Color
Hex	41FE40
RGB	65, 254, 64
RGB Percent	25%, 100%, 25%
CMY	0.7451, 0.0039, 0.7490
CMYK	0.74, 0.00, 0.75, 0.00
HSL	120°, 99%, 62%
HSV	120°, 75%, 100%
XYZ	38.5471, 72.3776, 16.7891
YIQ	175.8290, -51.6540, -99.1580

Conversions

Conversions Part 2

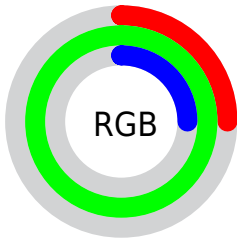
Format	Color
RYB	64, 254, 253
Decimal	4324928
CIELab	88.15, -78.82, 72.32
CIELCh	88, 106.972, 137.463
Yxy	72.3806, 0.3018, 0.5667
Android (android.graphics.Color)	4282515008 (0xFF41FE40)
YUV	175.8290, -55.1317, -97.1970
Hunter-Lab	85.0750, -68.0036, 47.8519

Details

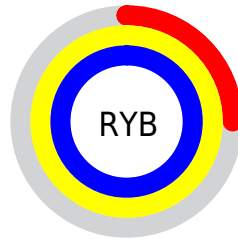
The HunterLab color **85.0750, -68.0036, 47.8519** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **56.3105, 92.4019, -62.4154**, and the grayscale version is **66.0583, -3.5247, 3.5891**.

A 20% lighter version of the original color is **88.6146, -54.0557, 41.1198**, and **62.8330, -53.8793, 37.7742** is the 20% darker color. If you saturate the color by 10%, you get **84.5436, -70.5334, 49.5382**, and if you desaturate by 10%, it is **85.9079, -64.0972, 45.2289**.

Distribution



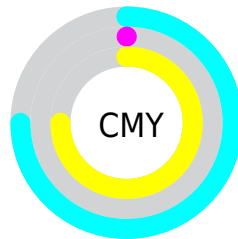
- Red (25%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (99%)



- Cyan (74%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)





- Cyan (75%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.0750, -68.0036, 47.8519 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 85.0750, -68.0036, 47.8519 by changing the saturation by 10% instead.


 85.0750, -68.0036,
47.8519


 85.0750, -68.0036,
47.8519


216.5329,
-105.8990, 84.2236

 73.1229, -63.0611,
43.1385


 110.7237,
-77.2955, 56.7561


 61.7882, -57.8651,
38.2194


 124.3673,
-81.7011, 60.9877

 51.1084, -52.3608,
33.0728


 138.5293,
-85.9764, 65.0957

 41.1266, -46.4726,
27.7103

 153.1914,
-90.1382, 69.0945

 31.8954, -40.0958,
22.3268

 168.3372,
-94.2006, 72.9967

 23.4818, -33.0836,
16.4372

183.9516,

 15.9745, -27.9553,

-98.1752, 76.8130

11.1821

200.0211,
-102.0718, 80.5526

■ 9.5001, -16.6252,
6.6501

0.0000, NaN, NaN

■ 85.0750, -68.0036,
47.8519

■ 85.0750, -68.0036,
47.8519

■ 84.5436, -70.5334,
49.5382

■ 85.9079, -64.0972,
45.2289


■ 84.2693, -71.8394,
50.3959


■ 87.0639, -58.7331,
41.6139


■ 84.1992, -72.1747,
50.6196

■ 88.5616, -51.9010,
36.9981

■ 90.4102, -43.6448,
31.4107

 92.6115, -34.0527,
24.9112

 95.1615, -23.2442,
17.5809

 98.0515, -11.3581,
9.5140

99.6827, -4.8078,
5.0684

Harmonies

Analogous

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



85.0768, -33.3462, 55.1336



85.0750, -68.0036, 47.8519



85.0768, -83.6540, 23.3012

Triad

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



85.0768, -68.0048, 47.8522



85.0768, -25.8036, -157.6984



85.0768, 117.9500, 29.1339

Complementary

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



85.0750, -68.0036, 47.8519



56.3105, 92.4019, -62.4154

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.



85.0768, 121.4219, -19.5497



85.0750, -68.0036, 47.8519



85.0768, 28.6862, -152.2834

Square

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



85.0768, -68.0048, 47.8522



85.0768, -63.6678, -104.0834



85.0768, 85.6143, -92.0412



85.0768, 77.0552, 49.8536

Rectangle

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



85.0750, -68.0036, 47.8519



85.0768, -84.5837, -9.1293



85.0768, 85.6143, -92.0412



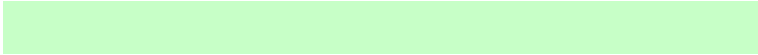
85.0768, 123.8392, 16.4185

Sweetspot

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



85.0768, -68.0048, 47.8522



93.7056, -31.2863, 23.0437



95.0448, -23.1319, 55.1347



43.0466, -15.7848, 11.5495

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.0768, -68.0048, 47.8522



84.7474, -71.6719, 50.3028



86.2390, -60.7869, 30.5010



44.9140, -7.9357, 6.2251



61.1369, -52.3978, 36.7549



19.0809, -16.3329, 11.4716

Inverse Universe

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



56.3105, 92.4019, -62.4154



53.8240, 102.1662, -69.2607



52.3012, 76.5441, -5.2737



42.7730, 3.5316, -1.6512



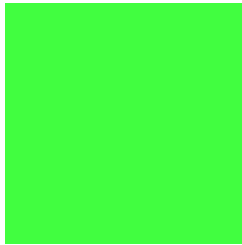
38.4085, 75.5978, -51.3199



11.9911, 23.5984, -15.9971

Previews

White Background



This preview shows how the HunterLab color 85.0750, -68.0036, 47.8519 looks on a white background.

Color Contrast Check

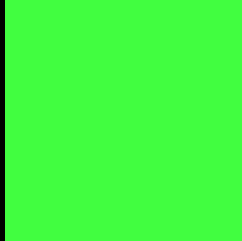
Large Text (above 18pt) WCAG AA × Fail

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 85.0750, -68.0036, 47.8519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

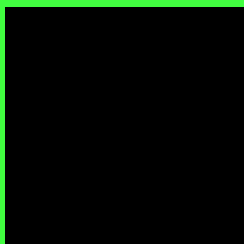
Any Text WCAG AA ✓ Pass

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 85.0750, -68.0036, 47.8519 Background



This preview shows how black text looks on a background with the HunterLab color 85.0750, -68.0036, 47.8519.



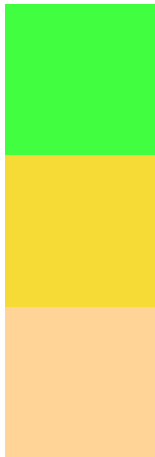
This preview shows how white text looks on a background with the HunterLab color 85.0750, -68.0036, 47.8519.

-68.0036, 47.8519.

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

85.0750, -68.0036, 47.8519

Protanopia

83.9832, -10.8856, 49.0078

Deuteranopia

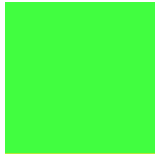
83.9934, 2.3862, 31.4303



Tritanopia

84.5553, -28.9983, -14.7438

Trichromacy



Original Color

85.0750, -68.0036, 47.8519



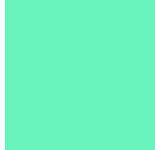
Protanomaly

82.2934, -38.9378, 47.1431



Deuteranomaly

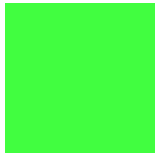
81.6757, -31.3672, 37.1097



Tritanomaly

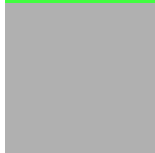
83.9821, -48.1201, 18.1109

Monochromacy



Original Color

85.0750, -68.0036, 47.8519



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

70.8302, -32.9281, 23.8817

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.0750, -68.0036, 47.8519 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(65, 254, 64)` looks like.

```
.text, #text, p{  
    color:rgb(65, 254, 64)  
}
```

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(65, 254, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 254, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 85.0750, -68.0036, 47.8519 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(65, 254, 64) }
```


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

```
.border{ border-color:rgb(65, 254, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 254, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 254, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 254, 64);  
box-shadow:4px 4px 4px 4px rgb(65, 254,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.0750, -68.0036, 47.8519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 254, 64) }
```

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

```
.background{ background-color: rgb(65, 254,  
64) }
```

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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