

Converting Colors

HunterLab(85.4287, -68.4276,
48.0754)

Have a look what the booklet for
HunterLab(85.4287, -68.4276,
48.0754) contains.

HunterLab(85.4284, -68.4288, 48.0762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(85.4284,
-68.4288, 48.0762)**

Conversions

Conversions Part 1

Format	Color
Hex	40FF40
RGB	64, 255, 64
RGB Percent	25%, 100%, 25%
CMY	0.7490, 0.0000, 0.7490
CMYK	0.75, 0.00, 0.75, 0.00
HSL	120°, 100%, 63%
HSV	120°, 75%, 100%
XYZ	38.7998, 72.9801, 16.8921
YIQ	176.1170, -52.5250, -99.8930

Conversions

Conversions Part 2

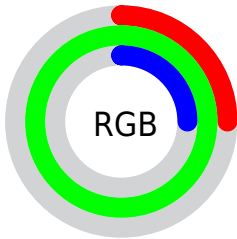
Format	Color
RYB	64, 255, 255
Decimal	4259648
CIELab	88.44, -79.26, 72.60
CIELCh	88, 107.480, 137.511
Yxy	72.9803, 0.3015, 0.5672
Android (android.graphics.Color)	4282449728 (0xFF40FF40)
YUV	176.1170, -55.2737, -98.3266
Hunter-Lab	85.4284, -68.4288, 48.0762

Details

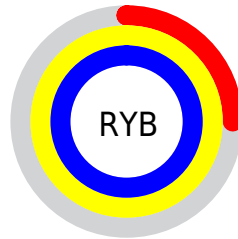
The HunterLab color **85.4284, -68.4288, 48.0762** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **56.6978, 93.2083, -62.3581**, and the grayscale version is **66.1780, -3.5311, 3.5956**.

A 20% lighter version of the original color is **88.6288, -53.9700, 40.9114**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **84.9028, -70.9255, 49.7642**, and if you desaturate by 10%, it is **86.2546, -64.5404, 45.4462**.

Distribution



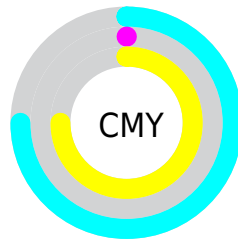
- Red (25%)
- Green (100%)
- Blue (25%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.4284, -68.4288, 48.0762 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 85.4284, -68.4288, 48.0762 by changing the saturation by 10% instead.


 85.4284, -68.4288,
48.0762


 85.4284, -68.4288,
48.0762


217.0130,
-106.4773, 84.5411


 73.4574, -63.4652,
43.3510


 111.1077,
-77.7568, 57.0011


 62.1044, -58.2492,
38.4213


 124.7664,
-82.1805, 61.2435


 51.4053, -52.7248,
33.2644


 138.9430,
-86.4733, 65.3621

 41.4027, -46.8164,
27.8889

 153.6192,
-90.6523, 69.3716

 32.1492, -40.4200,
22.5044

 168.7786,
-94.7313, 73.2842

 23.7110, -33.3897,
16.5977

184.4063,

 16.1762, -28.2491,

-98.7222, 77.1107

11.3233

200.4886,
-102.6347, 80.8603

■ 9.6698, -16.9222,
6.7689

0.0000, NaN, NaN

■ 85.4284, -68.4288,
48.0762

■ 85.4284, -68.4288,
48.0762

■ 84.9028, -70.9255,
49.7642

■ 86.2546, -64.5404,
45.4462


■ 84.6373, -72.1939,
50.6222


■ 87.4087, -59.1800,
41.8216


■ 84.5695, -72.5183,
50.8416

■ 88.9086, -52.3337,
37.1929

■ 90.7636, -44.0445,
31.5894

 92.9759, -34.4013,
25.0717

 95.5414, -23.5251,
17.7218

 98.4515, -11.5565,
9.6354

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.



85.4285, -33.6083, 55.3916



85.4284, -68.4288, 48.0762



85.4285, -84.1288, 23.3686

Triad

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



85.4285, -68.4285, 48.0755



85.4285, -25.8742, -158.8721



85.4285, 118.6934, 29.3468

Complementary

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



85.4284, -68.4288, 48.0762



56.6978, 93.2083, -62.3581

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.



85.4285, 122.2570, -19.5820



85.4284, -68.4288, 48.0762



85.4285, 28.9705, -153.3103

Square

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



85.4285, -68.4285, 48.0755



85.4285, -63.9837, -104.9273



85.4285, 86.2583, -92.5619



85.4285, 77.4748, 50.1224

Rectangle

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



85.4284, -68.4288, 48.0762



85.4285, -85.0455, -9.2914



85.4285, 86.2583, -92.5619



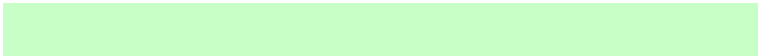
85.4285, 124.6451, 16.5774

Sweetspot

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



85.4285, -68.4285, 48.0755



93.6843, -31.3664, 23.0206



96.5143, -24.7796, 56.0581



43.0359, -15.8251, 11.5381

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.4285, -68.4285, 48.0755



84.7381, -71.7116, 50.2960



86.6779, -60.7128, 29.7549



44.9090, -7.9537, 6.2191



61.1316, -52.4203, 36.7511



19.0753, -16.3570, 11.4675

Inverse Universe

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



56.6978, 93.2083, -62.3581



54.0336, 102.4852, -68.7137



52.3903, 76.5432, -3.7561



42.7790, 3.5515, -1.6430



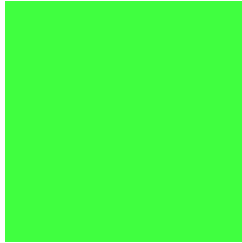
38.5760, 75.8411, -50.8747



12.0371, 23.6652, -15.8749

Previews

White Background



This preview shows how the HunterLab color 85.4284, -68.4288, 48.0762 looks on a white background.

Color Contrast Check

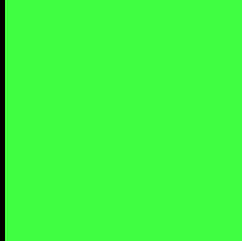
Large Text (above 18pt) WCAG AA × Fail

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 85.4284, -68.4288, 48.0762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

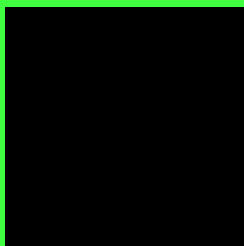
Any Text WCAG AA ✓ Pass

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 85.4284, -68.4288, 48.0762 Background



This preview shows how black text looks on a background with the HunterLab color 85.4284, -68.4288, 48.0762.



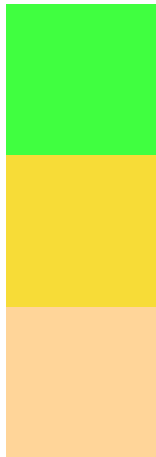
This preview shows how white text looks on a background with the HunterLab color 85.4284, -68.4288, 48.0762.

-68.4288, 48.0762.

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

85.4284, -68.4288, 48.0762

Protanopia

84.4017, -10.9954, 49.2764

Deuteranopia

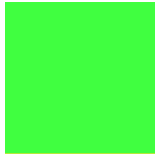
84.3495, 2.1811, 30.8304



Tritanopia

85.0750, -28.7911, -14.0147

Trichromacy



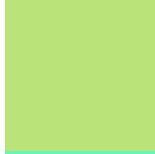
Original Color

85.4284, -68.4288, 48.0762



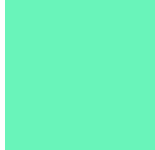
Protanomaly

82.6357, -39.3624, 47.3585



Deuteranomaly

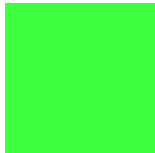
82.0405, -31.6406, 36.9261



Tritanomaly

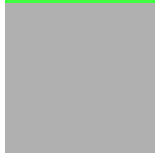
84.4096, -48.2433, 18.5383

Monochromacy



Original Color

85.4284, -68.4288, 48.0762



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.1075, -33.5756, 24.1161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.4284, -68.4288, 48.0762 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(64, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(64, 255, 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(64, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 255, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 85.4284, -68.4288, 48.0762 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(64, 255, 64) }
```


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

```
.border{ border-color:rgb(64, 255, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 255, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(64, 255,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.4284, -68.4288, 48.0762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 255, 64) }
```

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

```
.background{ background-color: rgb(64, 255,  
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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