

Converting Colors

HunterLab(85.6423, -67.5264,
48.2322)

Have a look what the booklet for
HunterLab(85.6423, -67.5264,
48.2322) contains.

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Color

**HunterLab(85.6423,
-67.5264, 48.2322)**

Conversions

Conversions Part 1

Format	Color
Hex	4AFF40
RGB	74, 255, 64
RGB Percent	29%, 100%, 25%
CMY	0.7098, 0.0000, 0.7490
CMYK	0.71, 0.00, 0.75, 0.00
HSL	117°, 100%, 63%
HSV	117°, 75%, 100%
XYZ	39.5095, 73.3460, 16.9254
YIQ	179.1070, -46.5650, -97.7730

Conversions

Conversions Part 2

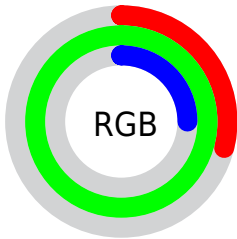
Format	Color
RYB	64, 255, 245
Decimal	4915008
CIELab	88.61, -77.76, 72.83
CIELCh	89, 106.538, 136.876
Yxy	73.3461, 0.3044, 0.5651
Android (android.graphics.Color)	4283105088 (0xFF4AFF40)
YUV	179.1070, -56.7478, -92.1788
Hunter-Lab	85.6423, -67.5264, 48.2322

Details

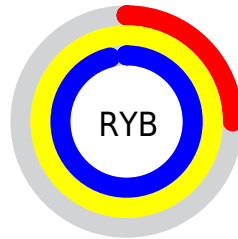
The HunterLab color **85.6423, -67.5264, 48.2322** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **55.0469, 90.2614, -66.4005**, and the grayscale version is **67.4291, -3.5978, 3.6636**.

A 20% lighter version of the original color is **88.9304, -52.7556, 41.1618**, and **63.1922, -54.1873, 37.9901** is the 20% darker color. If you saturate the color by 10%, you get **85.0512, -70.2938, 49.8691**, and if you desaturate by 10%, it is **86.5192, -63.4379, 45.6485**.

Distribution



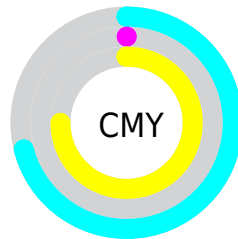
- Red (29%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (96%)



- Cyan (71%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)



- Cyan (71%)
- Magenta (0%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.6423, -67.5264, 48.2322 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 85.6423, -67.5264, 48.2322 by changing the saturation by 10% instead.

85.6423, -67.5264,
48.2322

85.6423, -67.5264,
48.2322

217.3047,
-104.9223, 84.7817

73.6607, -62.6565,
43.4968

111.3411,
-76.6838, 57.1772

62.2967, -57.5412,
38.5569

125.0090,
-81.0291, 61.4294

51.5859, -52.1259,
33.3901

139.1944,
-85.2474, 65.5577

41.5708, -46.3368,
28.0040

153.8792,
-89.3552, 69.5765

32.3036, -40.0720,
22.6125

169.0469,
-93.3660, 73.4983

23.8505, -33.1878,
16.6954

184.6827,

16.2991, -27.8637,

-97.2913, 77.3338

11.4094

200.7727,
-101.1407, 81.0922

■ 9.7734, -17.1035,
6.8414

0.0000, NaN, NaN

■ 85.6423, -67.5264,
48.2322

■ 85.6423, -67.5264,
48.2322

■ 85.0512, -70.2938,
49.8691

■ 86.5192, -63.4379,
45.6485


■ 84.7138, -71.8665,
50.6754


■ 87.7040, -57.9712,
42.0614


■ 84.6216, -72.2952,
50.8778

■ 89.2105, -51.1241,
37.4557

■ 91.0460, -42.9423,
31.8545

 93.2113, -33.5090,
25.3103

 95.7024, -22.9342,
17.8974

 98.5113, -11.3440,
9.7036

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.



85.6423, -32.4680, 55.4062



85.6423, -67.5264, 48.2322



85.6423, -83.5653, 24.0573

Triad

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



85.6423, -67.5260, 48.2314



85.6423, -26.7274, -156.1602



85.6423, 117.9425, 28.5044

Complementary

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



85.6423, -67.5264, 48.2322



55.0469, 90.2614, -66.4005

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.



85.6423, 120.5743, -20.7011



85.6423, -67.5264, 48.2322



85.6423, 27.4208, -152.0674

Square

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



85.6423, -67.5260, 48.2314



85.6423, -64.2179, -102.1025



85.6423, 84.3029, -92.9908



85.6423, 77.8107, 49.7707

Rectangle

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



85.6423, -67.5264, 48.2322



85.6423, -84.7141, -7.9158



85.6423, 84.3029, -92.9908



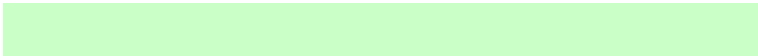
85.6423, 123.5348, 15.5806

Sweetspot

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



85.6423, -67.5260, 48.2314



93.9002, -30.5557, 23.2472



92.3546, -18.6008, 53.4681



43.1440, -15.4159, 11.6491

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



85.6423, -67.5260, 48.2314



84.8499, -71.2344, 50.3745



86.4348, -62.2049, 33.3014



44.9594, -7.7724, 6.2774



61.1844, -52.1944, 36.7878



19.1316, -16.1162, 11.5067

Inverse Universe

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



55.0469, 90.2614, -66.4005



51.9522, 99.3206, -74.2188



52.8350, 78.2954, -10.0047



42.7190, 3.3509, -1.7232



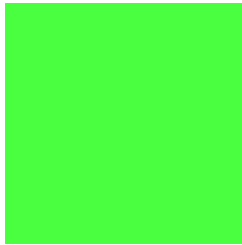
36.9133, 73.4350, -55.3702



11.5800, 23.0030, -17.1060

Previews

White Background



This preview shows how the HunterLab color 85.6423, -67.5264, 48.2322 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 85.6423, -67.5264, 48.2322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

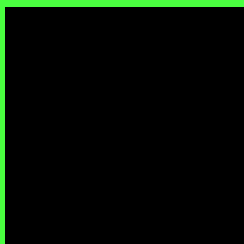
Any Text WCAG AA ✓ Pass

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 85.6423, -67.5264, 48.2322 Background



This preview shows how black text looks on a background with the HunterLab color 85.6423, -67.5264, 48.2322.



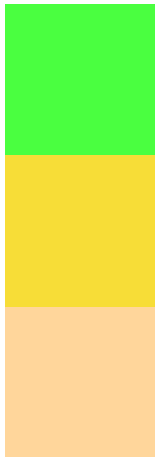
This preview shows how white text looks on a background with the HunterLab color 85.6423, -67.5264, 48.2322.

-67.5264, 48.2322.

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

85.6423, -67.5264, 48.2322

Protanopia

84.7130, -11.4879, 49.4689

Deuteranopia

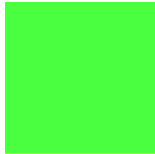
84.6875, 1.8749, 30.5064



Tritanopia

85.3082, -27.9147, -13.6754

Trichromacy



Original Color

85.6423, -67.5264, 48.2322



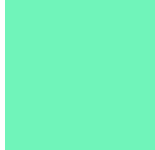
Protanomaly

82.9299, -38.2170, 47.5701



Deuteranomaly

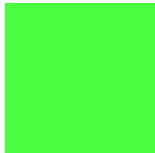
82.6212, -31.1229, 37.1530



Tritanomaly

84.6707, -47.2016, 18.8180

Monochromacy



Original Color

85.6423, -67.5264, 48.2322



Achromatopsia

67.1406, -3.5825, 3.6479



Achromatomaly

72.1765, -32.7942, 24.4593

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.6423, -67.5264, 48.2322 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(74, 255, 64)` looks like.

```
.text, #text, p{  
    color:rgb(74, 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(74, 255, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 255, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 85.6423, -67.5264, 48.2322 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(74, 255, 64) }
```


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

```
.border{ border-color:rgb(74, 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(74, 255, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 255, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 255, 64);  
box-shadow:4px 4px 4px 4px rgb(74, 255,  
64) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.6423, -67.5264, 48.2322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 255, 64) }
```

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

```
.background{ background-color: rgb(74, 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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