

Converting Colors

HunterLab(67.6693, -46.7393,
36.2510)

Have a look what the booklet for
HunterLab(67.6693, -46.7393,
36.2510) contains.

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Color

**HunterLab(67.8409,
-46.8244, 36.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	5FCC43
RGB	95, 204, 67
RGB Percent	37%, 80%, 26%
CMY	0.6274, 0.2000, 0.7372
CMYK	0.53, 0.00, 0.67, 0.20
HSL	108°, 57%, 53%
HSV	108°, 67%, 80%
XYZ	27.3253, 46.0239, 12.7535
YIQ	155.7910, -20.9870, -65.7150

Conversions

Conversions Part 2

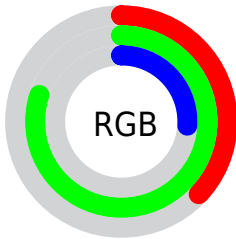
Format	Color
RYB	67, 204, 176
Decimal	6278211
CIELab	73.56, -56.04, 56.56
CIELCh	74, 79.621, 134.736
Yxy	46.0258, 0.3174, 0.5345
Android (android.graphics.Color)	4284468291 (0xFF5FCC43)
YUV	155.7910, -43.7740, -53.3137
Hunter-Lab	67.8409, -46.8244, 36.3426

Details

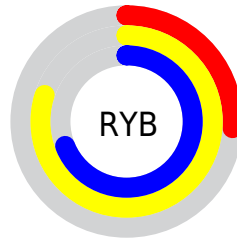
The HunterLab color **67.8409, -46.8244, 36.3426** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **41.9592, 57.6554, -53.8613**, and the grayscale version is **57.7534, -3.0816, 3.1379**.

A 20% lighter version of the original color is **89.3143, -51.3005, 42.1288**, and **46.5462, -38.9715, 27.9993** is the 20% darker color. If you saturate the color by 10%, you get **67.1134, -50.1474, 38.1380**, and if you desaturate by 10%, it is **68.7582, -42.6648, 33.7714**.

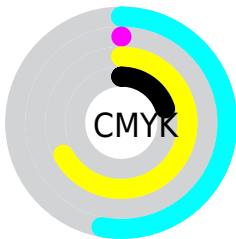
Distribution



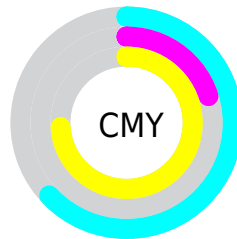
- Red (37%)
- Green (80%)
- Blue (26%)



- Red (26%)
- Yellow (80%)
- Blue (69%)



- Cyan (53%)
- Magenta (0%)
- Yellow (67%)
- Black (20%)



- Cyan (63%)
- Magenta (20%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.8409, -46.8244, 36.3426 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 67.8409, -46.8244, 36.3426 by changing the saturation by 10% instead.

■ 67.8409, -46.8244,
36.3426

■ 67.8409, -46.8244,
36.3426

192.5909,
-76.2477, 66.9345

■ 56.8033, -42.9794,
32.3192

■ 91.7920, -54.0255,
43.8778

■ 46.4380, -38.9146,
28.0833

■ 104.6416,
-57.4359, 47.4390

■ 36.7934, -34.5696,
23.6018

■ 118.0405,
-60.7470, 50.8891

■ 27.9280, -29.8542,
19.3557

■ 131.9669,
-63.9737, 54.2437

■ 19.9175, -24.6301,
13.9423

■ 146.4017,
-67.1281, 57.5156

■ 12.8653, -21.6957,
9.0057

161.3275,

■ 6.2799, -10.9898,

-70.2200, 60.7156

4.3959

176.7286,
-73.2576, 63.8526

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8409, -46.8244,
36.3426

■ 67.8409, -46.8244,
36.3426

■ 67.1134, -50.1474,
38.1380

■ 68.7582, -42.6648,
33.7714

■ 66.5618, -52.6501,
39.2121

■ 69.8669, -37.6712,
30.3986

■ 66.1727, -54.3910,
39.6738


■ 71.1712, -31.8725,
26.2253


■ 66.0858, -54.7798,
39.7627

■ 72.6712, -25.3136,
21.2726


■ 74.3646, -18.0517,

15.5774

 76.2475, -10.1519,
9.1884

 78.3143, -1.6833,
2.1615

 80.5583, 7.2845,
-5.4438

 82.9721, 16.6845,
-13.5670

Harmonies

Analogous

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



67.8423, -20.8057, 41.9710



67.8409, -46.8244, 36.3426



67.8423, -59.5656, 19.2167

Triad

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



67.8423, -46.8256, 36.3429



67.8423, -21.3729, -99.5675



67.8423, 79.9038, 18.7646

Complementary

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



67.8409, -46.8244, 36.3426



41.9592, 57.6554, -53.8613

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.



67.8423, 79.6599, -16.6731



67.8409, -46.8244, 36.3426



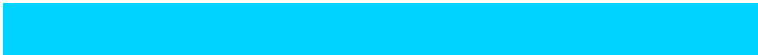
67.8423, 15.4595, -99.9296

Square

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



67.8423, -46.8256, 36.3429



67.8423, -47.1636, -63.3903



67.8423, 54.1321, -64.2112



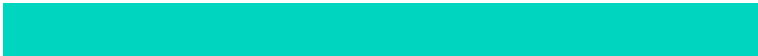
67.8423, 54.7405, 36.1650

Rectangle

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



67.8409, -46.8244, 36.3426



67.8423, -61.0096, -2.1428



67.8423, 54.1321, -64.2112



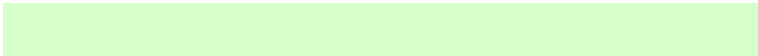
67.8423, 82.9397, 9.0521

Sweetspot

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



67.8423, -46.8256, 36.3429



94.9944, -26.2242, 22.4208



66.0601, -4.5111, 35.8603



43.6601, -13.3694, 11.3444

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8423, -46.8256, 36.3429



85.9907, -66.2400, 49.8656



67.3928, -47.7454, 28.7379



35.5606, -5.6166, 5.0085



52.4590, -43.3283, 31.5665



12.0528, -9.2598, 7.2648

Inverse Universe

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



41.9592, 57.6554, -53.8613



48.4623, 86.4843, -84.3693



44.2450, 58.6053, -19.5321



33.5909, 2.0833, -1.4524



27.6402, 57.2620, -59.0943



6.5127, 13.3267, -12.6406

Previews

White Background



This preview shows how the HunterLab color 67.8409, -46.8244, 36.3426 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 67.8409, -46.8244, 36.3426 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 67.8409, -46.8244, 36.3426 Background



This preview shows how black text looks on a background with the HunterLab color 67.8409, -46.8244, 36.3426.



This preview shows how white text looks on a background with the HunterLab color 67.8409, -46.8244, 36.3426.

-46.8244, 36.3426.

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

67.8409, -46.8244, 36.3426

Protanopia

67.3693, -8.6696, 37.5986

Deuteranopia

67.2350, 4.6279, 35.1549



Tritanopia

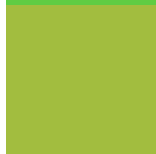
67.7166, -18.8707, -9.7299

Trichromacy



Original Color

67.8409, -46.8244, 36.3426



Protanomaly

66.6599, -25.6238, 36.4442



Deuteranomaly

66.0239, -18.0132, 34.5504



Tritanomaly

67.2987, -31.9998, 13.5889

Monochromacy



Original Color

67.8409, -46.8244, 36.3426



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.3413, -21.5461, 18.0683

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8409, -46.8244, 36.3426 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(95, 204, 67)` looks like.

```
.text, #text, p{  
    color:rgb(95, 204, 67)  
}
```

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(95, 204, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 204, 67) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8409, -46.8244, 36.3426 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(95, 204, 67) }
```


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

```
.border{ border-color:rgb(95, 204, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 204, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 204, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 204, 67);  
box-shadow:4px 4px 4px 4px rgb(95, 204,  
67) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8409, -46.8244, 36.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 204, 67) }
```

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

```
.background{ background-color: rgb(95, 204,  
67) }
```

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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