

Converting Colors

HunterLab(83.1475, -3.7217,
46.3863)

Have a look what the booklet for
HunterLab(83.1475, -3.7217,
46.3863) contains.

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Color

**HunterLab(83.1669, -4.0217,
46.4311)**

Conversions

Conversions Part 1

Format	Color
Hex	FED54B
RGB	254, 213, 75
RGB Percent	100%, 84%, 29%
CMY	0.0039, 0.1647, 0.7059
CMYK	0.00, 0.16, 0.70, 0.00
HSL	46°, 99%, 65%
HSV	46°, 70%, 100%
XYZ	65.9373, 69.1673, 16.5320
YIQ	209.5270, 68.7340, -34.2260

Conversions

Conversions Part 2

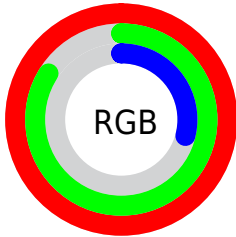
Format	Color
RYB	128, 254, 75
Decimal	16700747
CIELab	86.59, 0.44, 70.18
CIELCh	87, 70.178, 89.645
Yxy	69.1707, 0.4348, 0.4561
Android (android.graphics.Color)	4294890827 (0xFFFE54B)
YUV	209.5270, -66.3218, 39.0028
Hunter-Lab	83.1669, -4.0217, 46.4311

Details

The HunterLab color **83.1669, -4.0217, 46.4311** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **45.9803, 24.4922, -92.1455**, and the grayscale version is **80.3329, -4.2864, 4.3646**.

A 20% lighter version of the original color is **97.1693, -21.0715, 46.4043**, and **60.1113, -3.0727, 36.9865** is the 20% darker color. If you saturate the color by 10%, you get **81.2498, -2.0255, 47.8607**, and if you desaturate by 10%, it is **85.1879, -5.5917, 43.9316**.

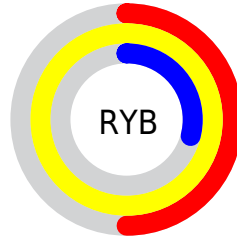
Distribution



Red (100%)

Green (84%)

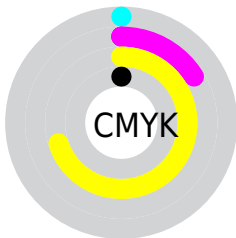
Blue (29%)



Red (50%)

Yellow (100%)

Blue (29%)

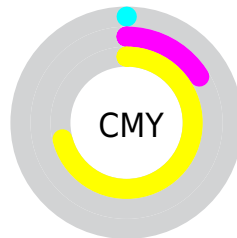


Cyan (0%)

Magenta (16%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1669, -4.0217, 46.4311 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 83.1669, -4.0217, 46.4311 by changing the saturation by 10% instead.

83.1669, -4.0217,
46.4311

83.1669, -4.0217,
46.4311

213.9235,
-10.8549, 82.0039

71.3097, -3.4126,
41.8152

108.6395, -5.3469,
55.1447

60.0748, -2.8345,
36.9932

122.2002, -6.0530,
59.2833

49.5011, -2.2931,
31.9421

136.2824, -6.7876,
63.3002

39.6328, -1.7910,
26.6816

150.8675, -7.5497,
67.2102

30.5245, -1.3316,
21.3672

165.9387, -8.3383,
71.0255

22.2460, -0.9192,
15.5722

181.4808, -9.1525,

14.8905, -0.5598,

74.7570

10.4234

197.4800, -9.9916,
78.4138

■ 8.5404, -0.2342,
5.9783

0.0000, NaN, NaN

■ 83.1669, -4.0217,
46.4311

■ 83.1669, -4.0217,
46.4311

■ 81.2498, -2.0255,
47.8607

■ 85.1879, -5.5917,
43.9316

■ 79.4260, 0.3722,
48.2950

■ 87.3089, -6.7047,
40.3226

■ 77.7648, 2.9527,
47.9700

■ 89.5324, -7.3547,
35.5944

■ 91.8578, -7.5400,
29.7559

■ 94.2836, -7.2654,
22.8301

■ 96.8079, -6.5402,
14.8501

■ 99.4282, -5.3772,
5.8563

■ 99.9053, -5.6653,
5.3159

Harmonies

Analogous

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



83.1689, 32.3045, 42.9480



83.1669, -4.0217, 46.4311



83.1689, -35.1314, 43.1187

Triad

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



83.1689, -4.0252, 46.4318



83.1689, -55.1470, -33.6924



83.1689, 61.8310, -34.6780

Complementary

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



83.1669, -4.0217, 46.4311



45.9803, 24.4922, -92.1455

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.



83.1689, 31.4640, -72.3703



83.1669, -4.0217, 46.4311



83.1689, -35.7428, -71.6551

Square

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



83.1689, -4.0252, 46.4318



83.1689, -61.5248, 4.9224



83.1689, -4.8582, -88.0884



83.1689, 73.9639, 4.1299

Rectangle

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



83.1669, -4.0217, 46.4311



83.1689, -49.6955, 36.1880



83.1689, -4.8582, -88.0884



83.1689, 53.1945, -48.3970

Sweetspot

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



83.1689, -4.0252, 46.4318



94.5736, -7.3242, 23.3308



52.3282, 67.3398, 14.4349



43.4388, -3.4418, 11.7252

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1689, -4.0252, 46.4318



80.7695, -0.9862, 48.3909



91.9518, -40.0939, 51.6657



45.1040, -2.9960, 6.5184



56.6716, 1.7820, 34.9520



18.1407, -0.2320, 11.1741

Inverse Universe

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



45.9803, 24.4922, -92.1455



38.2074, 37.5027, -122.6117



40.4723, 55.0313, -111.4596



42.4883, -1.5045, -2.1029



23.5776, 36.9050, -109.1373



8.3533, 8.5357, -28.8670

Previews

White Background



This preview shows how the HunterLab color 83.1669, -4.0217, 46.4311 looks on a white background.

Color Contrast Check

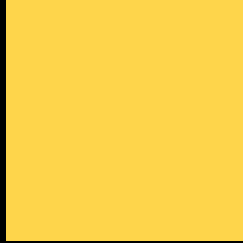
Large Text (above 18pt) WCAG AA × Fail

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 83.1669, -4.0217, 46.4311 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 83.1669, -4.0217, 46.4311 Background



This preview shows how black text looks on a background with the HunterLab color 83.1669, -4.0217, 46.4311.



This preview shows how white text looks on a background with the HunterLab color 83.1669, -4.0217,

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

83.1669, -4.0217, 46.4311

Protanopia

83.0811, -10.6050, 46.1291

Deuteranopia

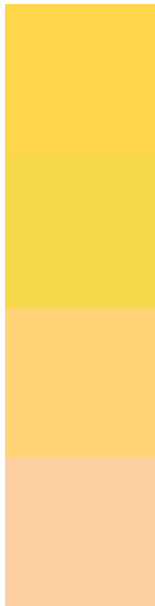
83.2503, 2.6198, 33.1186



Tritanopia

82.9929, 15.7740, 5.4873

Trichromacy



Original Color

83.1669, -4.0217, 46.4311

Protanomaly

83.2024, -8.5870, 46.2462

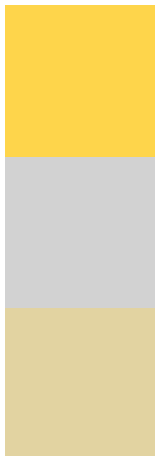
Deuteranomaly

83.1604, 0.0081, 39.0234

Tritanomaly

82.8046, 6.5363, 25.9901

Monochromacy



Original Color

83.1669, -4.0217, 46.4311

Achromatopsia

80.2795, -4.2835, 4.3617

Achromatomaly

80.8273, -6.5329, 24.9574

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1669, -4.0217, 46.4311 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(254, 213, 75)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 75)  
}
```

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(254, 213, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 75) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1669, -4.0217, 46.4311 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(254, 213, 75) }
```


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

```
.border{ border-color:rgb(254, 213, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 213, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 75);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
75) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1669, -4.0217, 46.4311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 75) }
```

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

```
.background{ background-color: rgb(254,  
213, 75) }
```

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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