

# Converting Colors

HunterLab(82.2826, -4.0994,  
47.5726)

Have a look what the booklet for  
HunterLab(82.2826, -4.0994,  
47.5726) contains.

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# Color

**HunterLab(82.3392, -4.0109,  
47.5885)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDD33C
RGB	253, 211, 60
RGB Percent	99%, 83%, 24%
CMY	0.0078, 0.1725, 0.7647
CMYK	0.00, 0.17, 0.76, 0.01
HSL	47°, 98%, 61%
HSV	47°, 76%, 99%
XYZ	64.6179, 67.7974, 13.9555
YIQ	206.3440, 73.5030, -38.0570

# Conversions

## Conversions Part 2

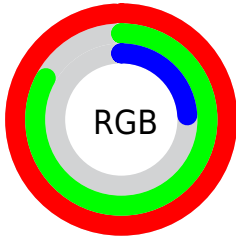
Format	Color
<a href="#">RYB</a>	114, 253, 60
Decimal	16634684
<a href="#">CIELab</a>	85.91, 0.40, 74.86
<a href="#">CIELCh</a>	86, 74.861, 89.693
<a href="#">Yxy</a>	67.8007, 0.4415, 0.4632
Android (android.graphics.Color)	4294824764 (0xFFFD33C)
<a href="#">YUV</a>	206.3440, -72.1476, 40.9173
<a href="#">Hunter-Lab</a>	82.3392, -4.0109, 47.5885

# Details

The HunterLab color **82.3392, -4.0109, 47.5885** 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 **41.8988, 30.3914, -105.1502**, and the grayscale version is **78.9888, -4.2146, 4.2916**.

A 20% lighter version of the original color is **96.9990, -22.0333, 48.9081**, and **59.4310, -2.5009, 36.5773** is the 20% darker color. If you saturate the color by 10%, you get **80.5638, -1.9371, 48.4557**, and if you desaturate by 10%, it is **84.2126, -5.6812, 45.6961**.

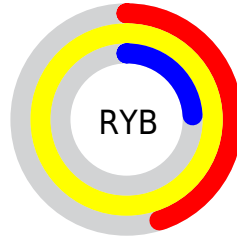
# Distribution



Red (99%)

Green (83%)

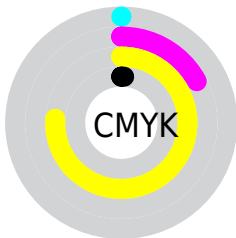
Blue (24%)



Red (45%)

Yellow (99%)

Blue (24%)

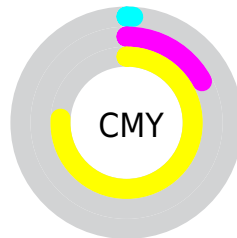


Cyan (0%)

Magenta (17%)

Yellow (76%)

Black (1%)



Cyan (1%)

Magenta (17%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.3392, -4.0109, 47.5885 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 82.3392, -4.0109, 47.5885 by changing the saturation by 10% instead.



82.3392, -4.0109,  
47.5885

82.3392, -4.0109,  
47.5885

212.7885,  
-10.8392, 85.3173

70.5235, -3.4025,  
42.6809

107.7344, -5.3348,  
56.8521

59.3324, -2.8251,  
37.5585

121.2588, -6.0403,  
61.2488

48.8053, -2.2845,  
32.2045

135.3061, -6.7744,  
65.5131

38.9870, -1.7833,  
26.8348

149.8575, -7.5360,  
69.6603

29.9329, -1.3248,  
20.9530

164.8961, -8.3241,  
73.7037

21.7139, -0.9135,  
15.1997

180.4065, -9.1378,

14.4257, -0.5555,

77.6547

10.0980

196.3749, -9.9764,  
81.5230

■ 8.0865, -0.2155,  
5.6605

0.0000, NaN, NaN

■ 82.3392, -4.0109,  
47.5885

■ 82.3392, -4.0109,  
47.5885

■ 80.5638, -1.9371,  
48.4557

■ 84.2126, -5.6812,  
45.6961

■ 78.8735, 0.5032,  
48.4073

■ 86.1817, -6.9086,  
42.7157

■ 78.2611, 1.4675,  
48.2498

■ 88.2504, -7.6806,  
38.6197

■ 90.4189, -7.9901,  
33.4035

■ 92.6866, -7.8375,  
27.0792

■ 95.0522, -7.2286,  
19.6718

■ 97.5138, -6.1734,  
11.2156

■ 99.8111, -5.9936,  
5.1991

# Harmonies

## Analogous

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



82.3412, 34.8351, 44.2099



82.3392, -4.0109, 47.5885



82.3412, -36.8757, 44.3550

# Triad

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



82.3412, -4.0144, 47.5892



82.3412, -57.7124, -36.7775



82.3412, 66.7841, -37.7064

# Complementary

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



82.3392, -4.0109, 47.5885



41.8988, 30.3914, -105.1502

# 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.



82.3412, 34.0536, -79.0832



82.3392, -4.0109, 47.5885



82.3412, -37.4310, -78.4001

# Square

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



82.3412, -4.0144, 47.5892



82.3412, -64.3416, 4.8457



82.3412, -4.7807, -96.5223



82.3412, 79.8909, 4.1167



# Rectangle

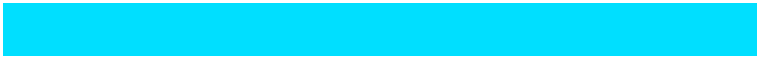
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3392, -4.0109, 47.5885



82.3412, -52.0939, 37.4338



82.3412, -4.7807, -96.5223



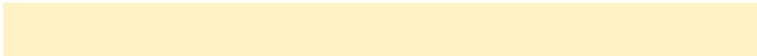
82.3412, 57.4560, -52.6982

# Sweetspot

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



82.3412, -4.0144, 47.5892



94.2910, -7.7572, 24.9957



50.1354, 71.3246, 16.3248



43.2300, -3.6646, 12.7500

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.3412, -4.0144, 47.5892



80.2970, -0.5778, 48.9659



91.1417, -41.6515, 52.6504



45.1447, -3.0631, 6.5615



57.2763, 0.7316, 35.3062



18.3098, -0.5186, 11.2733



# Inverse Universe

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



41.8988, 30.3914, -105.1502



34.5489, 46.1175, -140.2616



37.0598, 60.1858, -124.7806



42.4481, -1.4369, -2.1533



23.2405, 38.0226, -111.1285



8.2337, 8.8661, -29.4309



# Previews

## White Background



This preview shows how the HunterLab color 82.3392, -4.0109, 47.5885 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 82.3392, -4.0109, 47.5885 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 82.3392, -4.0109, 47.5885 Background



This preview shows how black text looks on a background with the HunterLab color 82.3392, -4.0109, 47.5885.



This preview shows how white text looks on a background with the HunterLab color 82.3392, -4.0109,



# 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

82.3392, -4.0109, 47.5885

### Protanopia

82.2427, -10.6219, 47.3088

### Deuteranopia

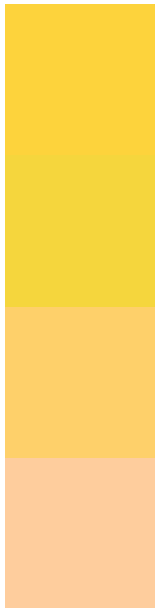
82.1898, 3.2374, 34.9541



## Tritanopia

82.3635, 16.5351, 5.7258

# Trichromacy



## Original Color

82.3392, -4.0109, 47.5885

## Protanomaly

82.3666, -8.5975, 47.4254

## Deuteranomaly

81.9897, 0.2729, 40.6660

## Tritanomaly

81.9560, 6.4020, 27.5365

# Monochromacy



## Original Color

82.3392, -4.0109, 47.5885

## Achromatopsia

78.5625, -4.1919, 4.2684

## Achromatomaly

79.4353, -7.0229, 26.3306

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.3392, -4.0109, 47.5885 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(253, 211, 60)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 60)  
}
```

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(253, 211, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 60) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.3392, -4.0109, 47.5885 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(253, 211, 60) }
```



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

```
.border{ border-color:rgb(253, 211, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 60);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
60) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.3392, -4.0109, 47.5885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 60) }
```

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

```
.background{ background-color: rgb(253,  
211, 60) }
```

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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