

# Converting Colors

HunterLab(82.4240, -4.0045,  
49.8831)

Have a look what the booklet for  
HunterLab(82.4240, -4.0045,  
49.8831) contains.

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# Color

**HunterLab(82.4240, -4.0045,  
49.8831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD31D
RGB	255, 211, 29
RGB Percent	100%, 83%, 11%
CMY	0.0000, 0.1725, 0.8862
CMYK	0.00, 0.17, 0.89, 0.00
HSL	48°, 100%, 56%
HSV	48°, 89%, 100%
XYZ	64.7559, 67.9372, 10.8625
YIQ	203.4080, 84.6460, -47.2740

# Conversions

## Conversions Part 2

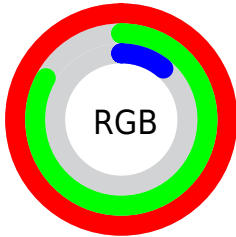
Format	Color
R <sub>Y</sub> B	84, 255, 29
Decimal	16765725
CIE Lab	85.98, 0.41, 83.06
CIE LCh	86, 83.061, 89.715
Yxy	67.9405, 0.4511, 0.4732
Android (android.graphics.Color)	4294955805 (0xFFFFD31D)
YUV	203.4080, -85.9831, 45.2462
Hunter-Lab	82.4240, -4.0045, 49.8831

# Details

The HunterLab color **82.4240, -4.0045, 49.8831** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light washed yellow. A complement of this color would be **34.9953, 45.5641, -137.9238**, and the grayscale version is **77.7854, -4.1504, 4.2262**.

A 20% lighter version of the original color is **96.7790, -23.2778, 52.1481**, and **59.5411, -2.1195, 36.6518** is the 20% darker color. If you saturate the color by 10%, you get **80.8893, -1.7815, 49.7385**, and if you desaturate by 10%, it is **84.0403, -5.8982, 49.1752**.

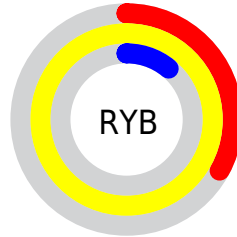
# Distribution



Red (100%)

Green (83%)

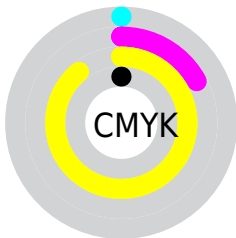
Blue (11%)



Red (33%)

Yellow (100%)

Blue (11%)

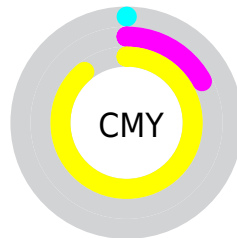


Cyan (0%)

Magenta (17%)

Yellow (89%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.4240, -4.0045, 49.8831 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 82.4240, -4.0045, 49.8831 by changing the saturation by 10% instead.



82.4240, -4.0045,  
49.8831

82.4240, -4.0045,  
49.8831

212.9049,  
-10.8307, 91.2668

70.6040, -3.3965,  
44.4999

107.8272, -5.3279,  
60.0604

59.4085, -2.8194,  
38.8972

121.3553, -6.0332,  
64.8914

48.8766, -2.2791,  
33.0728

135.4062, -6.7670,  
69.5747

39.0531, -1.7783,  
27.3372

149.9610, -7.5283,  
74.1262

29.9934, -1.3202,  
20.9954

165.0030, -8.3162,  
78.5596

21.7683, -0.9093,  
15.2378

180.5167, -9.1297,

14.4731, -0.5518,

82.8873

10.1312

196.4883, -9.9681,  
87.1199

■ 8.1342, -0.2133,  
5.6940

0.0000, NaN, NaN

■ 82.4240, -4.0045,  
49.8831

■ 82.4240, -4.0045,  
49.8831

■ 80.8893, -1.7815,  
49.7385

■ 84.0403, -5.8982,  
49.1752

■ 80.6812, -1.4629,  
49.6898

■ 85.7424, -7.3881,  
47.4553

■ 87.5373, -8.4437,  
44.6469

■ 89.4280, -9.0441,  
40.7082

91.4158, -9.1787,  
35.6229

93.5009, -8.8439,  
29.3934

95.6828, -8.0427,  
22.0368

97.9602, -6.7825,  
13.5807

99.9999, -5.3361,  
5.4331

# Harmonies

## Analogous

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



82.4260, 39.5074, 46.6550



82.4240, -4.0045, 49.8831



82.4260, -40.1332, 46.7859

# Triad

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



82.4260, -4.0081, 49.8837



82.4260, -62.5726, -42.3322



82.4260, 75.8336, -43.3242

# Complementary

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



82.4240, -4.0045, 49.8831



34.9953, 45.5641, -137.9238

# 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.



82.4260, 38.6900, -91.5580



82.4240, -4.0045, 49.8831



82.4260, -40.6927, -90.8139

# Square

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



82.4260, -4.0081, 49.8837



82.4260, -69.6415, 4.8606



82.4260, -4.7961, -112.1616



82.4260, 90.7969, 4.1110



# Rectangle

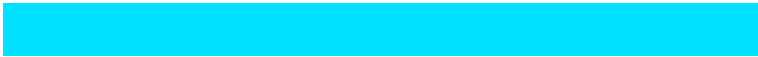
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.4240, -4.0045, 49.8831



82.4260, -56.5792, 39.8702



82.4260, -4.7961, -112.1616



82.4260, 65.2094, -60.6858

# Sweetspot

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



82.4260, -4.0081, 49.8837



93.8490, -8.7455, 28.2754



47.5776, 77.7737, 22.5593



43.0819, -4.1353, 14.1536

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.4260, -4.0081, 49.8837



80.6816, -1.4629, 49.6900



90.6634, -47.3739, 54.2764



45.2265, -3.1977, 6.6479



58.5036, -1.3664, 36.0257



18.6524, -1.0911, 11.4744



# Inverse Universe

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



34.9953, 45.5641, -137.9238



30.7742, 57.3676, -162.3053



32.6036, 71.0479, -150.7094



42.3674, -1.3012, -2.2544



22.6055, 40.1951, -115.0246



8.0020, 9.5261, -30.5659



# Previews

## White Background



This preview shows how the HunterLab color 82.4240, -4.0045, 49.8831 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 82.4240, -4.0045, 49.8831 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 82.4240, -4.0045, 49.8831 Background



This preview shows how black text looks on a background with the HunterLab color 82.4240, -4.0045, 49.8831.



This preview shows how white text looks on a background with the HunterLab color 82.4240, -4.0045,



# 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

82.4240, -4.0045, 49.8831

### Protanopia

82.5154, -11.5337, 49.7122

### Deuteranopia

82.4684, 2.6313, 35.4251



## Tritanopia

82.3327, 16.3745, 6.1649

# Trichromacy



## Original Color

82.4240, -4.0045, 49.8831

## Protanomaly

82.4385, -8.6389, 49.7636

## Deuteranomaly

82.2612, -0.6106, 43.0458

## Tritanomaly

81.8334, 5.5148, 31.1134

# Monochromacy



## Original Color

82.4240, -4.0045, 49.8831

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

78.4638, -7.8016, 29.4644

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.4240, -4.0045, 49.8831 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(255, 211, 29)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 29)  
}
```

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(255, 211, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 29) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.4240, -4.0045, 49.8831 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(255, 211, 29) }
```



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

```
.border{ border-color:rgb(255, 211, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 29);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
29) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.4240, -4.0045, 49.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 29) }
```

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

```
.background{ background-color: rgb(255,  
211, 29) }
```

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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