

# Converting Colors

HunterLab(84.7130, -11.4879,  
49.4689)

Have a look what the booklet for  
HunterLab(84.7130, -11.4879,  
49.4689) contains.

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# Color

**HunterLab(84.7130,  
-11.4879, 49.4689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DD37
RGB	247, 221, 55
RGB Percent	97%, 87%, 22%
CMY	0.0314, 0.1333, 0.7843
CMYK	0.00, 0.11, 0.78, 0.03
HSL	52°, 92%, 59%
HSV	52°, 78%, 97%
XYZ	64.9038, 71.7629, 14.0453
YIQ	209.8500, 68.7820, -46.1140

# Conversions

## Conversions Part 2

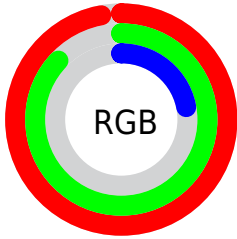
Format	Color
R <sub>Y</sub> B	85, 247, 55
Decimal	16244023
CIE Lab	87.86, -7.35, 78.00
CIE LCh	88, 78.350, 95.385
Yxy	71.7663, 0.4306, 0.4762
Android (android.graphics.Color)	4294434103 (0xFFFF7DD37)
YUV	209.8500, -76.3410, 32.5806
Hunter-Lab	84.7130, -11.4879, 49.4689

# Details

The HunterLab color **84.7130, -11.4879, 49.4689** 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 **36.6232, 39.7575, -119.1938**, and the grayscale version is **80.5137, -4.2960, 4.3745**.

A 20% lighter version of the original color is **96.9628, -22.2379, 49.4408**, and **61.4097, -8.9706, 37.6833** is the 20% darker color. If you saturate the color by 10%, you get **83.5688, -10.4410, 50.4258**, and if you desaturate by 10%, it is **85.9354, -12.1641, 47.5429**.

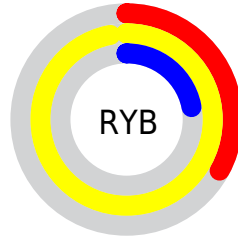
# Distribution



Red (97%)

Green (87%)

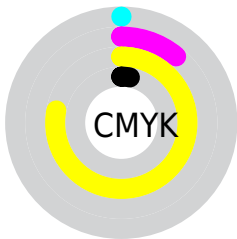
Blue (22%)



Red (33%)

Yellow (97%)

Blue (22%)

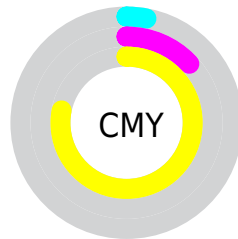


Cyan (0%)

Magenta (11%)

Yellow (78%)

Black (3%)



Cyan (3%)

Magenta (13%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7130, -11.4879, 49.4689 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 84.7130, -11.4879, 49.4689 by changing the saturation by 10% instead.



84.7130, -11.4879,  
49.4689

84.7130, -11.4879,  
49.4689

216.0389,  
-21.1299, 88.3911

72.7790, -10.4982,  
44.4166

110.3287,  
-13.5209, 59.0177

61.4631, -9.5181,  
39.1501

123.9566,  
-14.5589, 63.5532

50.8033, -8.5489,  
33.6552

138.1036,  
-15.6130, 67.9535

40.8428, -7.5878,  
28.1327

152.7512,  
-16.6835, 72.2336

31.6347, -6.6298,  
22.1443

167.8829,  
-17.7703, 76.4067

23.2464, -5.6672,  
16.2725

183.4837,

15.7676, -4.6855,

-18.8737, 80.4843

11.0373

199.5399,  
-19.9936, 84.4762

■ 9.3258, -3.9337,  
6.5281

0.0000, NaN, NaN

■ 84.7130, -11.4879,  
49.4689

■ 84.7130, -11.4879,  
49.4689

■ 83.5688, -10.4410,  
50.4258

■ 85.9354, -12.1641,  
47.5429

■ 82.4869, -9.0698,  
50.5535

■ 87.2357, -12.4247,  
44.5617

■ 82.2463, -8.7364,  
50.5268

■ 88.6201, -12.2496,  
40.4728

■ 90.0913, -11.6242,  
35.2461

91.6508, -10.5411,  
28.8698

93.2995, -8.9984,  
21.3465

95.0375, -6.9994,  
12.6911

96.8644, -4.5512,  
2.9278

98.0063, -5.8870,  
3.0540

# Harmonies

## Analogous

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



84.7150, 29.2560, 47.3571



84.7130, -11.4879, 49.4689



84.7150, -43.9456, 44.7435

# Triad

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



84.7150, -11.4913, 49.4695



84.7150, -57.6895, -48.3822



84.7150, 75.5801, -31.0713

# Complementary

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



84.7130, -11.4879, 49.4689



36.6232, 39.7575, -119.1938

# 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.



84.7150, 43.7542, -77.2792



84.7130, -11.4879, 49.4689



84.7150, -33.7223, -90.0595

# Square

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



84.7150, -11.4913, 49.4695



84.7150, -67.3267, -2.4063



84.7150, 2.6745, -102.5181



84.7150, 84.4616, 11.0755



# Rectangle

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



84.7130, -11.4879, 49.4689



84.7150, -58.1162, 36.0954



84.7150, 2.6745, -102.5181



84.7150, 66.9592, -47.1459

# Sweetspot

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



84.7150, -11.4913, 49.4695



95.8225, -10.2389, 26.4229



48.1084, 69.1107, 20.5661



44.0490, -4.9879, 13.4885

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.7150, -11.4913, 49.4695



86.0359, -10.0896, 52.4483



87.4509, -45.4163, 50.6406



43.4838, -3.3888, 6.5588



59.9413, -6.5606, 36.8207



18.0597, -2.4060, 11.0862



# Inverse Universe

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



36.6232, 39.7575, -119.1938



31.0236, 57.5339, -160.6836



36.8794, 62.3196, -117.6512



40.3588, -0.9153, -2.3874



20.6288, 43.7737, -120.2790



6.9607, 10.0405, -30.3749



# Previews

## White Background



This preview shows how the HunterLab color 84.7130, -11.4879, 49.4689 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

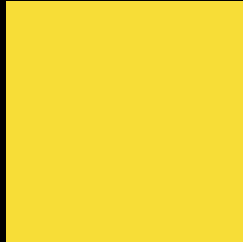
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.7130, -11.4879, 49.4689 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 84.7130, -11.4879, 49.4689 Background



This preview shows how black text looks on a background with the HunterLab color 84.7130, -11.4879, 49.4689.



This preview shows how white text looks on a background with the HunterLab color 84.7130, -11.4879, 49.4689.

-11.4879, 49.4689.

# 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

84.7130, -11.4879, 49.4689

### Protanopia

84.8205, -11.1053, 49.5451

### Deuteranopia

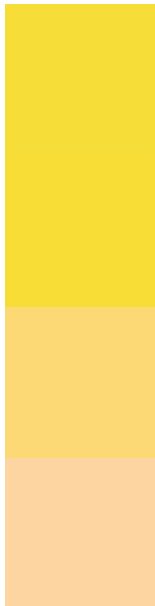
84.6481, 1.6622, 31.0801



## Tritanopia

84.6438, 14.2132, 3.9987

# Trichromacy



## Original Color

84.7130, -11.4879, 49.4689

## Protanomaly

84.8205, -11.1053, 49.5451

## Deuteranomaly

84.6200, -4.2882, 40.2755

## Tritanomaly

84.1767, 1.9177, 28.1534

# Monochromacy



## Original Color

84.7130, -11.4879, 49.4689

## Achromatopsia

80.2795, -4.2835, 4.3617

## Achromatomaly

81.3106, -9.8944, 27.6377

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.7130, -11.4879, 49.4689 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(247, 221, 55)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 55)  
}
```

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(247, 221, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 55) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.7130, -11.4879, 49.4689 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(247, 221, 55) }
```



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

```
.border{ border-color:rgb(247, 221, 55) }
```

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

Here you see how a box with a 4 pixel rgb(247, 221, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 55);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
55) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.7130, -11.4879, 49.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 55) }
```

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

```
.background{ background-color: rgb(247,  
221, 55) }
```

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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