

# Converting Colors

HunterLab(80.6060, -1.1679,  
37.7182)

Have a look what the booklet for  
HunterLab(80.6060, -1.1679,  
37.7182) contains.

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# Color

**HunterLab(80.6060, -1.1679,  
37.7182)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6CE73
RGB	246, 206, 115
RGB Percent	96%, 81%, 45%
CMY	0.0353, 0.1921, 0.5490
CMYK	0.00, 0.16, 0.53, 0.04
HSL	42°, 88%, 71%
HSV	42°, 53%, 96%
XYZ	63.1719, 64.9733, 25.4312
YIQ	207.5860, 53.0510, -19.8210

# Conversions

## Conversions Part 2

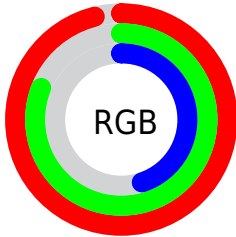
Format	Color
<a href="#">RYB</a>	173, 246, 115
Decimal	16174707
CIELab	84.47, 3.28, 50.06
CIElCh	84, 50.164, 86.247
Yxy	64.9764, 0.4113, 0.4231
Android (android.graphics.Color)	4294364787 (0xFFFF6CE73)
YUV	207.5860, -45.6449, 33.6891
Hunter-Lab	80.6060, -1.1679, 37.7182

# Details

The HunterLab color **80.6060, -1.1679, 37.7182** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **58.0862, 7.2130, -53.0767**, and the grayscale version is **79.4176, -4.2375, 4.3149**.

A 20% lighter version of the original color is **97.7980, -17.5360, 37.1995**, and **57.7756, -0.3296, 30.7694** is the 20% darker color. If you saturate the color by 10%, you get **78.0725, 0.9562, 40.7105**, and if you desaturate by 10%, it is **83.2607, -2.8501, 33.6963**.

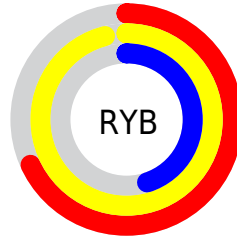
# Distribution



Red (96%)

Green (81%)

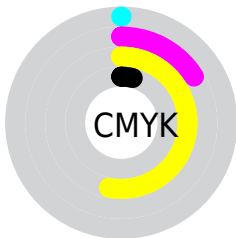
Blue (45%)



Red (68%)

Yellow (96%)

Blue (45%)

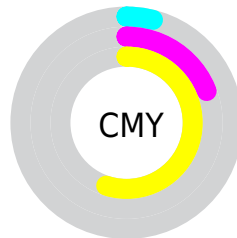


Cyan (0%)

Magenta (16%)

Yellow (53%)

Black (4%)



Cyan (4%)

Magenta (19%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.6060, -1.1679, 37.7182 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 80.6060, -1.1679, 37.7182 by changing the saturation by 10% instead.



80.6060, -1.1679,  
37.7182

80.6060, -1.1679,  
37.7182

210.4060, -6.9380,  
64.5789

68.8781, -0.7022,  
34.2890

105.8376, -2.2252,  
44.2105

57.7799, -0.2758,  
30.7036

119.2853, -2.8057,  
47.3093

47.3515, 0.1043,  
26.9308

133.2587, -3.4195,  
50.3293

37.6391, 0.4334,  
22.9329

147.7388, -4.0649,  
53.2816

28.7001, 0.7052,  
18.7357

162.7085, -4.7406,  
56.1756

20.6081, 0.9109,  
14.4257

178.1521, -5.4454,

13.4634, 1.0371,

59.0190

9.4244

194.0556, -6.1782,  
61.8182

■ 7.0358, 1.6577,  
4.9251

0.0000, NaN, NaN

■ 80.6060, -1.1679,  
37.7182

■ 80.6060, -1.1679,  
37.7182

■ 78.0725, 0.9562,  
40.7105

■ 83.2607, -2.8501,  
33.6963

■ 75.6566, 3.5256,  
42.6656

■ 86.0277, -4.0831,  
28.6663

■ 73.3606, 6.5184,  
43.6081

■ 88.9052, -4.8792,  
22.6656

■ 71.1822, 9.8977,  
43.6071

■ 91.8889, -5.2520,  
15.7385

69.7707, 12.3424,  
43.2084

94.9746, -5.2179,  
7.9337

97.9030, -6.1917,  
2.9245

99.1629, -8.2601,  
4.3926

# Harmonies

## Analogous

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



80.6079, 23.8353, 33.6519



80.6060, -1.1679, 37.7182



80.6079, -24.2643, 35.3153

# Triad

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



80.6079, -1.1711, 37.7190



80.6079, -42.6544, -18.2751



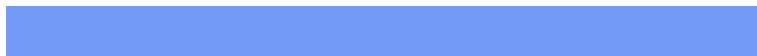
80.6079, 39.1357, -24.9887

# Complementary

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



80.6060, -1.1679, 37.7182



58.0862, 7.2130, -53.0767

# 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.



80.6079, 17.8069, -47.6022



80.6060, -1.1679, 37.7182



80.6079, -29.0473, -42.9769

# Square

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



80.6079, -1.1711, 37.7190



80.6079, -46.4573, 7.2910



80.6079, -7.3924, -55.0148



80.6079, 48.8092, 1.3723



# Rectangle

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



80.6060, -1.1679, 37.7182



80.6079, -35.8412, 29.8084



80.6079, -7.3924, -55.0148



80.6079, 32.9750, -33.5549

# Sweetspot

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



80.6079, -1.1711, 37.7190



94.8439, -5.4062, 18.4941



58.5419, 50.5518, 4.8854



43.5813, -2.4691, 9.2556

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.6079, -1.1711, 37.7190



81.1023, 1.2111, 42.6274



90.9265, -29.2223, 44.9401



42.9066, -2.4377, 5.9483



51.2274, 8.5387, 31.7156



15.7715, 1.4539, 9.7438



# Inverse Universe

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



58.0862, 7.2130, -53.0767



53.5906, 13.0052, -71.4194



49.4028, 34.2825, -73.5959



40.9289, -1.8733, -1.6736



25.4188, 28.0840, -92.3965



8.6123, 5.5543, -22.7546



# Previews

## White Background



This preview shows how the HunterLab color 80.6060, -1.1679, 37.7182 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

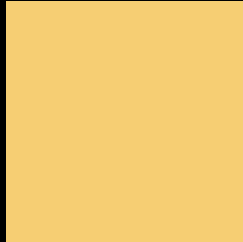
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.6060, -1.1679, 37.7182 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 80.6060, -1.1679, 37.7182 Background



This preview shows how black text looks on a background with the HunterLab color 80.6060, -1.1679, 37.7182.



This preview shows how white text looks on a background with the HunterLab color 80.6060, -1.1679,



# 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

80.6060, -1.1679, 37.7182

### Protanopia

80.6404, -8.7872, 37.1626

### Deuteranopia

80.6112, 5.2139, 35.4932



## Tritanopia

80.5874, 19.3103, 5.1366

# Trichromacy



**Original Color**

80.6060, -1.1679, 37.7182

**Protanomaly**

80.5397, -6.0208, 37.3592

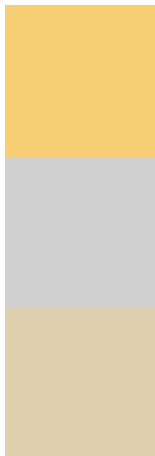
**Deuteranomaly**

80.4909, 3.1814, 36.3292

**Tritanomaly**

80.3974, 10.9593, 19.8228

# Monochromacy



**Original Color**

80.6060, -1.1679, 37.7182

**Achromatopsia**

79.4202, -4.2377, 4.3151

**Achromatomaly**

79.5055, -4.2541, 19.0539

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.6060, -1.1679, 37.7182 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(246, 206, 115)` looks like.

```
.text, #text, p{  
    color:rgb(246, 206, 115)  
}
```

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(246, 206, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 206, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.6060, -1.1679, 37.7182 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(246, 206, 115) }
```



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

```
.border{ border-color:rgb(246, 206, 115) }
```

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

Here you see how a box with a 4 pixel rgb(246, 206, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 206, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 206, 115);  
box-shadow:4px 4px 4px 4px rgb(246, 206,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.6060, -1.1679, 37.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 206, 115) }
```

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

```
.background{ background-color: rgb(246,  
206, 115) }
```

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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