

# Converting Colors

HunterLab(80.3958, 0.0748,  
34.2087)

Have a look what the booklet for  
HunterLab(80.3958, 0.0748,  
34.2087) contains.

<b>HunterLab(80.4115, 0.1281, 34.2379)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(80.4115, 0.1281,  
34.2379)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5CD81
RGB	245, 205, 129
RGB Percent	96%, 80%, 51%
CMY	0.0392, 0.1961, 0.4941
CMYK	0.00, 0.16, 0.47, 0.04
HSL	39°, 85%, 73%
HSV	39°, 47%, 96%
XYZ	63.4500, 64.6601, 29.9053
YIQ	208.2960, 48.2360, -15.1560

# Conversions

## Conversions Part 2

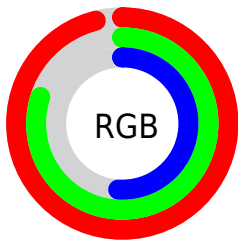
Format	Color
R <sub>Y</sub> B	190, 245, 129
Decimal	16108929
CIE Lab	84.31, 4.62, 42.94
CIE LCh	84, 43.189, 83.860
Yxy	64.6632, 0.4015, 0.4092
Android (android.graphics.Color)	4294299009 (0xFFF5CD81)
YUV	208.2960, -39.0929, 32.1894
Hunter-Lab	80.4115, 0.1281, 34.2379

# Details

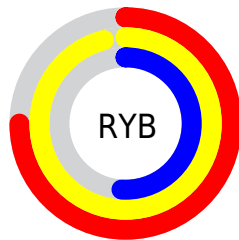
The HunterLab color **80.4115, 0.1281, 34.2379** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.9556, 2.4529, -42.5202**, and the grayscale version is **79.6967, -4.2524, 4.3301**.

A 20% lighter version of the original color is **98.0810, -15.9524, 33.0764**, and **57.6611, 1.0498, 28.1376** is the 20% darker color. If you saturate the color by 10%, you get **77.5595, 2.4658, 37.7207**, and if you desaturate by 10%, it is **83.3942, -1.7687, 29.7750**.

# Distribution



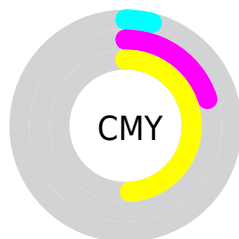
- Red (96%)
- Green (80%)
- Blue (51%)



- Red (75%)
- Yellow (96%)
- Blue (51%)



- Cyan (0%)
- Magenta (16%)
- Yellow (47%)
- Black (4%)




- Cyan (4%)
- Magenta (20%)
- Yellow (49%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4115, 0.1281, 34.2379 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 80.4115, 0.1281, 34.2379 by changing the saturation by 10% instead.




 80.4115, 0.1281,  
34.2379

 80.4115, 0.1281,  
34.2379

210.1382, -5.1663,  
58.0332


 68.6935, 0.5298,  
31.2408

 105.6245, -0.8096,  
39.9355

 57.6058, 0.8885,  
28.1139


 119.0636, -1.3340,  
42.6666

 47.1886, 1.1968,  
24.8284


 133.0287, -1.8937,  
45.3360

 37.4883, 1.4491,  
21.3460

147.5007, -2.4868,  
47.9529

 28.5623, 1.6379,  
17.6196

162.4626, -3.1120,  
50.5252

 20.4847, 1.7524,  
14.3393

177.8987, -3.7677,

 13.3564, 1.7764,

53.0592

9.3495

193.7948, -4.4529,  
55.5604

■ 6.9074, 2.5453,  
4.8352

0.0000, NaN, NaN

■ 80.4115, 0.1281,  
34.2379

■ 80.4115, 0.1281,  
34.2379

■ 77.5595, 2.4658,  
37.7207

■ 83.3942, -1.7687,  
29.7750

■ 74.8372, 5.2556,  
40.1933

■ 86.4966, -3.2245,  
24.3703

■ 72.2500, 8.4852,  
41.6505

■ 89.7150, -4.2571,  
18.0736

■ 69.7995, 12.1299,  
42.1212

■ 93.0437, -4.8844,  
10.9374

■ 67.4832, 16.1388,  
41.7013

■ 96.4772, -5.1266,  
3.0158

■ 66.8864, 17.2348,  
41.5168

■ 99.0719, -8.5794,  
4.2790

# Harmonies

## Analogous

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



80.4134, 21.2648, 29.8764



80.4115, 0.1281, 34.2379



80.4134, -20.1730, 32.4400

# Triad

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



80.4134, 0.1249, 34.2388



80.4134, -38.3726, -12.9968



80.4134, 31.4563, -22.1033

# Complementary

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



80.4115, 0.1281, 34.2379



62.9556, 2.4529, -42.5202

# 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.



80.4134, 12.9194, -39.9316



80.4115, 0.1281, 34.2379



80.4134, -27.0139, -33.7901

# Square

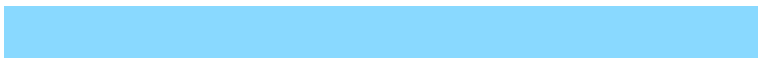
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.4134, 0.1249, 34.2388



80.4134, -41.0402, 8.4269



80.4134, -8.6214, -44.6863



80.4134, 40.5244, 0.1051



# Rectangle

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



80.4115, 0.1281, 34.2379



80.4134, -30.7073, 27.6729



80.4134, -8.6214, -44.6863



80.4134, 26.0387, -29.0171

# Sweetspot

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



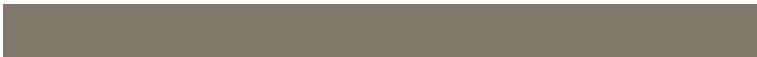
80.4134, 0.1249, 34.2388



95.0300, -4.7187, 16.5321



61.6447, 44.7926, 2.3817



43.6198, -2.1060, 8.3721

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.4134, 0.1249, 34.2388



81.2321, 2.5203, 39.4046



91.2789, -25.8162, 42.3028



42.7731, -2.2161, 5.8061



49.3655, 12.1143, 30.6309



15.2740, 2.3683, 9.4532



# Inverse Universe

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



62.9556, 2.4529, -42.5202



59.6425, 6.2611, -57.1876



53.3306, 28.0272, -62.6864



41.0620, -2.0952, -1.5083



26.9049, 24.0545, -85.5556



9.0570, 4.5374, -21.1155



# Previews

## White Background



This preview shows how the HunterLab color 80.4115, 0.1281, 34.2379 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

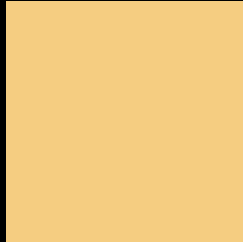
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.4115, 0.1281, 34.2379 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 80.4115, 0.1281, 34.2379 Background



This preview shows how black text looks on a background with the HunterLab color 80.4115, 0.1281, 34.2379.



This preview shows how white text looks on a background with the HunterLab color 80.4115, 0.1281,



# 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

80.4115, 0.1281, 34.2379

### Protanopia

80.6537, -8.3007, 33.7681

### Deuteranopia

80.4021, 6.1684, 34.0778



## Tritanopia

80.3530, 18.5624, 4.8482

# Trichromacy



**Original Color**

80.4115, 0.1281, 34.2379

**Protanomaly**

80.5449, -5.5671, 33.9879

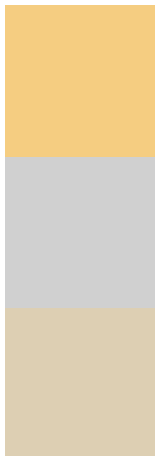
**Deuteranomaly**

80.2259, 4.0794, 33.8984

**Tritanomaly**

80.3163, 10.9924, 17.4115

# Monochromacy



**Original Color**

80.4115, 0.1281, 34.2379

**Achromatopsia**

79.4202, -4.2377, 4.3151

**Achromatomaly**

79.5314, -3.9141, 17.1448

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.4115, 0.1281, 34.2379 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(245, 205, 129)` looks like.

```
.text, #text, p{  
    color:rgb(245, 205, 129)  
}
```

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(245, 205, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 205, 129) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.4115, 0.1281, 34.2379 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(245, 205, 129) }
```



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

```
.border{ border-color:rgb(245, 205, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 205, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 205, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 205, 129);  
box-shadow:4px 4px 4px 4px rgb(245, 205,  
129) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.4115, 0.1281, 34.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 205, 129) }
```

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

```
.background{ background-color: rgb(245,  
205, 129) }
```

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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