

Converting Colors

HunterLab(82.6029, 8.8810,
38.9003)

Have a look what the booklet for
HunterLab(82.6029, 8.8810,
38.9003) contains.

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Color

**HunterLab(81.0741, 3.5282,
37.7116)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC75
RGB	255, 204, 117
RGB Percent	100%, 80%, 46%
CMY	0.0000, 0.2000, 0.5412
CMYK	0.00, 0.20, 0.54, 0.00
HSL	38°, 100%, 73%
HSV	38°, 54%, 100%
XYZ	66.0438, 65.7301, 26.0360
YIQ	209.3310, 58.3230, -16.2450

Conversions

Conversions Part 2

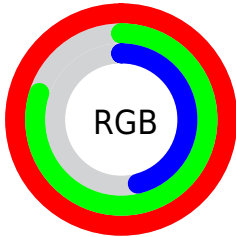
Format	Color
RYB	198, 255, 117
Decimal	16764021
CIELab	84.86, 8.12, 49.76
CIELCh	85, 50.416, 80.728
Yxy	65.7333, 0.4185, 0.4165
Android (android.graphics.Color)	4294954101 (0xFFFFCC75)
YUV	209.3310, -45.5192, 40.0517
Hunter-Lab	81.0741, 3.5282, 37.7116

Details

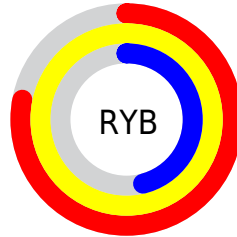
The HunterLab color **81.0741, 3.5282, 37.7116** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **62.4545, 3.2792, -51.2721**, and the grayscale version is **80.1652, -4.2774, 4.3555**.

A 20% lighter version of the original color is **97.8367, -17.3192, 36.6350**, and **58.1448, 3.8379, 30.6399** is the 20% darker color. If you saturate the color by 10%, you get **78.0179, 6.6292, 40.5820**, and if you desaturate by 10%, it is **84.2810, 0.8948, 33.8068**.

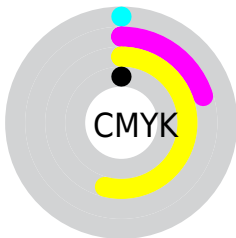
Distribution



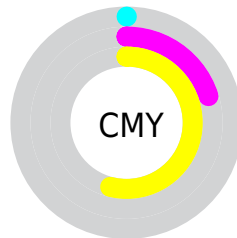
- Red (100%)
- Green (80%)
- Blue (46%)



- Red (78%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (20%)
- Yellow (54%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 81.0741, 3.5282, 37.7116 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 81.0741, 3.5282, 37.7116 by changing the saturation by 10% instead.


 81.0741, 3.5282,
37.7116


 81.0741, 3.5282,
37.7116

211.0503, -0.5611,
64.4185

 69.3224, 3.7682,
34.3062

 106.3501, 2.8921,
44.1618

 58.1989, 3.9572,
30.7466


 119.8186, 2.5097,
47.2417

 47.7437, 4.0859,
27.0023


 133.8121, 2.0871,
50.2440

 38.0026, 4.1468,
23.0354

148.3115, 1.6263,
53.1798

 29.0322, 4.1298,
18.8454

163.2999, 1.1296,
56.0580

 20.9056, 4.0206,
14.6339

178.7616, 0.5984,

 13.7218, 3.7977,

58.8864

9.6052


194.6827, 0.0344,
61.6714

 7.3352, 4.4336,
5.1346


0.0000, NaN, NaN


 81.0741, 3.5282,
37.7116


 81.0741, 3.5282,
37.7116


 78.0179, 6.6292,
40.5820

 84.2810, 0.8948,
33.8068


 75.1124, 10.2033,
42.3937

 87.6263, -1.2668,
28.9058

 72.3635, 14.2269,
43.1573

 91.1048, -2.9735,
23.0610

 69.7723, 18.6567,
42.9358

 94.7096, -4.2437,
16.3298

68.3154, 21.3995,
42.4703

98.4337, -5.0989,
8.7713

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



81.0760, 28.2400, 32.3373



81.0741, 3.5282, 37.7116



81.0760, -20.5825, 36.4885

Triad

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



81.0760, 3.5248, 37.7125



81.0760, -44.4090, -13.4093



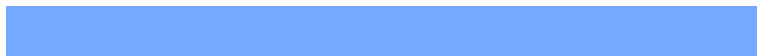
81.0760, 36.1427, -30.0149

Complementary

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



81.0741, 3.5282, 37.7116



62.4545, 3.2792, -51.2721

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.



81.0760, 13.3123, -50.7518



81.0741, 3.5282, 37.7116



81.0760, -32.4534, -39.3307

Square

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



81.0760, 3.5248, 37.7125



81.0760, -46.3611, 11.4104



81.0760, -11.8974, -54.5974



81.0760, 48.5117, -3.2692

Rectangle

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



81.0741, 3.5282, 37.7116



81.0760, -33.2517, 31.8870



81.0760, -11.8974, -54.5974



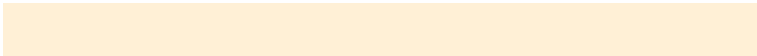
81.0760, 29.3163, -38.2195

Sweetspot

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



81.0760, 3.5248, 37.7125



94.0215, -4.0369, 17.6627



60.7303, 54.9321, 1.3028



43.1529, -1.7552, 8.8298

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



81.0760, 3.5248, 37.7125



77.7552, 6.9262, 40.7848



95.4659, -27.7039, 47.8879



44.6050, -2.1690, 5.9880



49.6804, 14.8663, 30.8731



16.1625, 3.3399, 10.0177

Inverse Universe

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



62.4545, 3.2792, -51.2721



55.9717, 7.8640, -65.5895



49.9380, 34.4986, -80.9491



42.9849, -2.3339, -1.4849



28.7008, 22.3153, -84.0459



10.0124, 4.5117, -22.2541

Previews

White Background



This preview shows how the HunterLab color 81.0741, 3.5282, 37.7116 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 81.0741, 3.5282, 37.7116 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 81.0741, 3.5282, 37.7116 Background



This preview shows how black text looks on a background with the HunterLab color 81.0741, 3.5282, 37.7116.



This preview shows how white text looks on a background with the HunterLab color 81.0741, 3.5282, 37.7116.

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

81.0741, 3.5282, 37.7116

Protanopia

81.0967, -8.6705, 36.8284

Deuteranopia

80.9837, 5.1303, 34.5298



Tritanopia

81.1147, 18.0647, 6.2073

Trichromacy



Original Color

81.0741, 3.5282, 37.7116

Protanomaly

81.0146, -4.2762, 37.0732

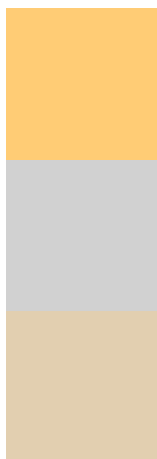
Deuteranomaly

80.9027, 4.6961, 35.7152

Tritanomaly

81.0575, 11.7064, 20.1081

Monochromacy



Original Color

81.0741, 3.5282, 37.7116

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

79.9556, -2.5945, 18.7648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 81.0741, 3.5282, 37.7116 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, 204, 117)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 117)  
}
```

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, 204, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 117) }
```

Border

The CSS property to change the border of an element to HunterLab 81.0741, 3.5282, 37.7116 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, 204, 117) }
```


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

```
.border{ border-color:rgb(255, 204, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 204, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 204, 117); box-shadow:4px 4px 4px 4px rgb(255, 204, 117) }
```

Background

The CSS property to change the background color of an element to HunterLab 81.0741, 3.5282, 37.7116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 117) }
```

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

```
.background{ background-color: rgb(255,  
204, 117) }
```

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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