

Converting Colors

HunterLab(85.3833, 1.5325,
37.6361)

Have a look what the booklet for
HunterLab(85.3833, 1.5325,
37.6361) contains.

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Color

**HunterLab(84.5574, -0.9720,
37.0306)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD783
RGB	255, 215, 131
RGB Percent	100%, 84%, 51%
CMY	0.0000, 0.1568, 0.4863
CMYK	0.00, 0.16, 0.49, 0.00
HSL	41°, 100%, 76%
HSV	41°, 49%, 100%
XYZ	69.6371, 71.4995, 31.6032
YIQ	217.3840, 50.8040, -17.6440

Conversions

Conversions Part 2

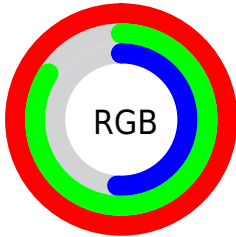
Format	Color
R_{YB}	190, 255, 131
Decimal	16766851
CIE _{Lab}	87.73, 3.65, 46.42
CIE _{LCh}	88, 46.564, 85.506
Yxy	71.5029, 0.4031, 0.4139
Android (android.graphics.Color)	4294956931 (0xFFFFD783)
YUV	217.3840, -42.5873, 32.9892
Hunter-Lab	84.5574, -0.9720, 37.0306

Details

The HunterLab color **84.5574, -0.9720, 37.0306** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **64.1635, 4.4793, -47.8058**, and the grayscale version is **83.6297, -4.4623, 4.5438**.

A 20% lighter version of the original color is **98.1238, -15.7135, 32.4545**, and **61.1898, 0.1147, 30.5394** is the 20% darker color. If you saturate the color by 10%, you get **81.7376, 1.2564, 40.5955**, and if you desaturate by 10%, it is **87.5078, -2.7375, 32.4123**.

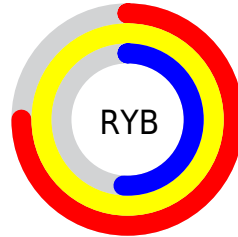
Distribution



Red (100%)

Green (84%)

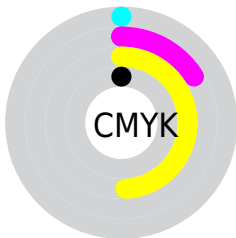
Blue (51%)



Red (75%)

Yellow (100%)

Blue (51%)

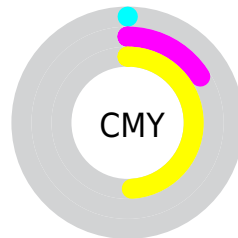


Cyan (0%)

Magenta (16%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.5574, -0.9720, 37.0306 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 84.5574, -0.9720, 37.0306 by changing the saturation by 10% instead.


 84.5574, -0.9720,
37.0306


 84.5574, -0.9720,
37.0306


215.8262, -6.7065,
62.1400


 72.6311, -0.5103,
33.8645

 110.1588, -2.0214,
43.0516

 61.3232, -0.0877,
30.5640


 123.7800, -2.5979,
45.9370

 50.6721, 0.2889,
27.1015


 137.9204, -3.2076,
48.7560

 40.7208, 0.6148,
23.4409

152.5618, -3.8490,
51.5182

 31.5227, 0.8842,
19.5390

167.6874, -4.5208,
54.2315

 23.1454, 1.0887,
15.9532

183.2824, -5.2216,

 15.6788, 1.2161,

56.9026

10.9752

199.3328, -5.9505,
59.5372

■ 9.2500, 1.2530,
6.4750

0.0000, NaN, NaN

■ 84.5574, -0.9720,
37.0306

■ 84.5574, -0.9720,
37.0306

■ 81.7376, 1.2564,
40.5955

■ 87.5078, -2.7375,
32.4123

■ 79.0460, 3.9567,
43.0841

■ 90.5785, -4.0374,
26.7739

■ 76.4868, 7.1132,
44.5018

■ 93.7665, -4.8881,
20.1625

■ 74.0601, 10.6973,
44.8920

■ 97.0667, -5.3068,
12.6298

■ 71.7599, 14.6450,
44.3914

100.0000, -5.3359,
5.4331

■ 71.4513, 15.2003,
44.2941

Harmonies

Analogous

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



84.5594, 22.3943, 32.7431



84.5574, -0.9720, 37.0306



84.5594, -22.9644, 34.7512

Triad

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



84.5594, -0.9753, 37.0315



84.5594, -41.2874, -15.8926



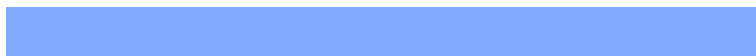
84.5594, 35.6872, -23.2800

Complementary

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



84.5574, -0.9720, 37.0306



64.1635, 4.4793, -47.8058

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.



84.5594, 15.6627, -43.6317



84.5574, -0.9720, 37.0306



84.5594, -28.4328, -38.6194

Square

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



84.5594, -0.9753, 37.0315



84.5594, -44.7224, 7.8763



84.5594, -8.0002, -49.8925



84.5594, 44.9683, 1.1930

Rectangle

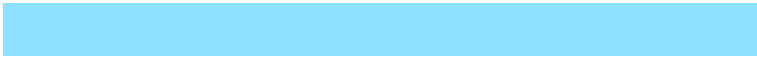
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84.5574, -0.9720, 37.0306



84.5594, -34.1728, 29.3644



84.5594, -8.0002, -49.8925



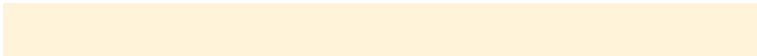
84.5594, 29.8904, -31.0643

Sweetspot

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



84.5594, -0.9753, 37.0315



94.9508, -5.0889, 17.5345



63.6275, 48.0964, 3.5226



43.6093, -2.3035, 8.8258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.5594, -0.9753, 37.0315



81.9107, 1.1028, 40.4038



95.2404, -28.1708, 44.8256



44.7715, -2.4459, 6.1656



51.9219, 10.4634, 32.1772



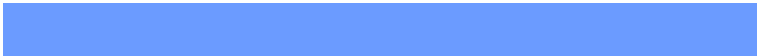
16.8022, 2.1365, 10.3908

Inverse Universe

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



64.1635, 4.4793, -47.8058



58.0767, 8.4408, -60.6500



54.8605, 31.0630, -67.8976



42.8184, -2.0569, -1.6913



26.8022, 27.2673, -92.3628



9.4217, 5.8394, -24.3818

Previews

White Background



This preview shows how the HunterLab color 84.5574, -0.9720, 37.0306 looks on a white background.

Color Contrast Check

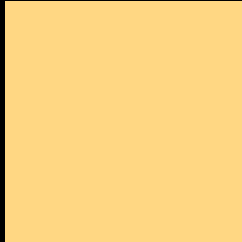
Large Text (above 18pt) WCAG AA × Fail

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 84.5574, -0.9720, 37.0306 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 84.5574, -0.9720, 37.0306 Background



This preview shows how black text looks on a background with the HunterLab color 84.5574, -0.9720, 37.0306.



This preview shows how white text looks on a background with the HunterLab color 84.5574, -0.9720,

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

84.5574, -0.9720, 37.0306

Protanopia

84.6053, -8.5966, 36.4323

Deuteranopia

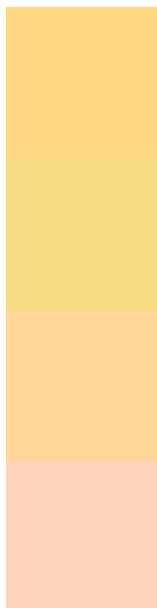
84.5534, 3.2808, 27.8616



Tritanopia

84.5808, 13.8819, 4.8974

Trichromacy



Original Color

84.5574, -0.9720, 37.0306

Protanomaly

84.4995, -5.8288, 36.6490

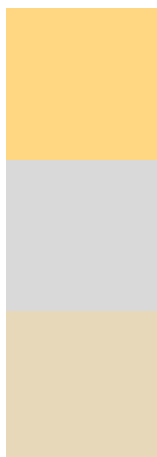
Deuteranomaly

84.6094, 1.4529, 31.6447

Tritanomaly

84.5455, 7.4604, 18.8624

Monochromacy



Original Color

84.5574, -0.9720, 37.0306

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.4541, -4.0777, 18.3491

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5574, -0.9720, 37.0306 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, 215, 131)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 131)  
}
```

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, 215, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5574, -0.9720, 37.0306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

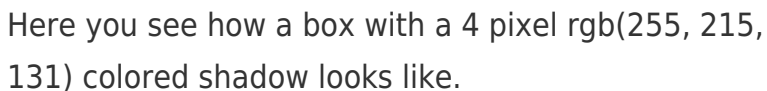
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 131) }
```


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

```
.border{ border-color:rgb(255, 215, 131) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 215, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 131); box-shadow:4px 4px 4px 4px rgb(255, 215, 131) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5574, -0.9720, 37.0306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 131) }
```

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

```
.background{ background-color: rgb(255,  
215, 131) }
```

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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