

Converting Colors

HunterLab(83.8323, -0.6199,
38.3932)

Have a look what the booklet for
HunterLab(83.8323, -0.6199,
38.3932) contains.

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Color

**HunterLab(83.8323, -0.6199,
38.3932)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD57B
RGB	255, 213, 123
RGB Percent	100%, 84%, 48%
CMY	0.0000, 0.1647, 0.5176
CMYK	0.00, 0.16, 0.52, 0.00
HSL	41°, 100%, 74%
HSV	41°, 52%, 100%
XYZ	68.6094, 70.2785, 28.6879
YIQ	215.2980, 53.9220, -19.0860

Conversions

Conversions Part 2

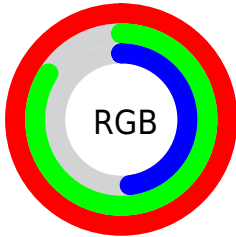
Format	Color
R _Y B	185, 255, 123
Decimal	16766331
CIE Lab	87.13, 3.98, 49.60
CIE LCh	87, 49.760, 85.412
Yxy	70.2819, 0.4094, 0.4194
Android (android.graphics.Color)	4294956411 (0xFFFFD57B)
YUV	215.2980, -45.5029, 34.8187
Hunter-Lab	83.8323, -0.6199, 38.3932

Details

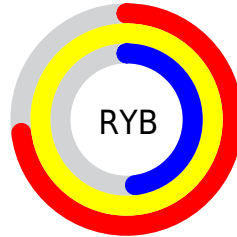
The HunterLab color $83.8323, -0.6199, 38.3932$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $61.9192, 6.0106, -52.3307$, and the grayscale version is $82.7386, -4.4147, 4.4953$.

A 20% lighter version of the original color is $97.9563, -16.6499, 34.8925$, and $60.8169, 0.1135, 31.6655$ is the 20% darker color. If you saturate the color by 10%, you get $81.0829, 1.6989, 41.6329$, and if you desaturate by 10%, it is $86.7121, -2.4755, 34.0885$.

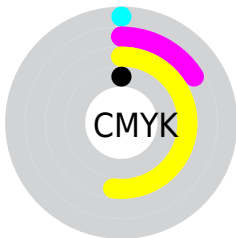
Distribution



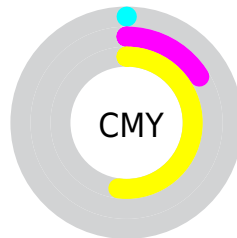
- Red (100%)
- Green (84%)
- Blue (48%)



- Red (73%)
- Yellow (100%)
- Blue (48%)



- Cyan (0%)
- Magenta (16%)
- Yellow (52%)
- Black (0%)





- Cyan (0%)
- Magenta (16%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.8323, -0.6199, 38.3932 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 83.8323, -0.6199, 38.3932 by changing the saturation by 10% instead.

 83.8323, -0.6199,
38.3932

 83.8323, -0.6199,
38.3932


214.8346, -6.2219,
64.8964

 71.9419, -0.1762,
35.0284


 109.3667, -1.6359,
44.7778

 60.6720, 0.2274,
31.5163


 122.9564, -2.1968,
47.8309

 50.0611, 0.5839,
27.8278

 137.0665, -2.7914,
50.8094

 40.1530, 0.8882,
23.9263

151.6786, -3.4183,
53.7239

 31.0015, 1.1341,
19.7710

166.7760, -4.0760,
56.5831

 22.6755, 1.3127,
15.8728

182.3434, -4.7632,

 15.2666, 1.4108,

59.3943

10.6866

198.3672, -5.4788,
62.1636

■ 8.8875, 1.4769,
6.2213

0.0000, NaN, NaN

■ 83.8323, -0.6199,
38.3932

■ 83.8323, -0.6199,
38.3932

■ 81.0829, 1.6989,
41.6329

■ 86.7121, -2.4755,
34.0885

■ 78.4610, 4.4867,
43.7926

■ 89.7122, -3.8625,
28.7468

■ 75.9699, 7.7230,
44.8894

■ 92.8303, -4.7954,
22.4115

■ 73.6083, 11.3724,
44.9846

■ 96.0613, -5.2899,
15.1323

71.7522, 14.6216,
44.4693

99.4002, -5.3646,
6.9623

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.



83.8343, 24.3943, 34.0124



83.8323, -0.6199, 38.3932



83.8343, -24.0050, 36.1029

Triad

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



83.8343, -0.6233, 38.3941



83.8343, -43.4036, -17.3692



83.8343, 38.5775, -25.5423

Complementary

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



83.8323, -0.6199, 38.3932



61.9192, 6.0106, -52.3307

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.



83.8343, 17.0187, -47.7218



83.8323, -0.6199, 38.3932



83.8343, -29.9041, -42.1200

Square

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



83.8343, -0.6233, 38.3941



83.8343, -46.9721, 8.1166



83.8343, -8.2637, -54.5331



83.8343, 48.6407, 0.8474

Rectangle

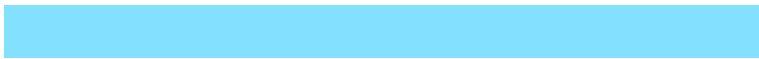
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.8323, -0.6199, 38.3932



83.8343, -35.8531, 30.6030



83.8343, -8.2637, -54.5331



83.8343, 32.3209, -34.0075

Sweetspot

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



83.8343, -0.6233, 38.3941



94.6792, -5.1328, 18.3280



61.8196, 51.4861, 3.9302



43.4955, -2.3266, 9.1705

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.8343, -0.6233, 38.3941



81.0196, 1.7595, 41.6965



95.0124, -29.2400, 46.3402



44.7871, -2.4718, 6.1822



52.1368, 10.0525, 32.3024



16.8632, 2.0243, 10.4265

Inverse Universe

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



61.9192, 6.0106, -52.3307



55.3938, 10.7964, -66.9397



52.3512, 33.8973, -74.2949



42.8029, -2.0309, -1.7106



26.6335, 27.7306, -93.1518



9.3681, 5.9649, -24.5857

Previews

White Background



This preview shows how the HunterLab color 83.8323, -0.6199, 38.3932 looks on a white background.

Color Contrast Check

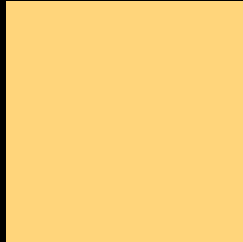
Large Text (above 18pt) WCAG AA × Fail

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 83.8323, -0.6199, 38.3932 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 83.8323, -0.6199, 38.3932 Background



This preview shows how black text looks on a background with the HunterLab color 83.8323, -0.6199, 38.3932.



This preview shows how white text looks on a background with the HunterLab color 83.8323, -0.6199,

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

83.8323, -0.6199, 38.3932

Protanopia

84.0648, -9.1622, 37.9559

Deuteranopia

83.7944, 3.4346, 29.7520



Tritanopia

83.9432, 14.6369, 5.1323

Trichromacy



Original Color

83.8323, -0.6199, 38.3932

Protanomaly

83.9604, -6.3867, 38.1584

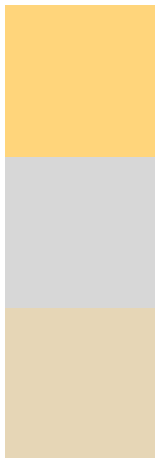
Deuteranomaly

83.8631, 1.6821, 33.3333

Tritanomaly

83.8331, 7.8482, 20.1108

Monochromacy



Original Color

83.8323, -0.6199, 38.3932

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

82.6399, -3.9554, 19.1016

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.8323, -0.6199, 38.3932 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, 213, 123)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 123)  
}
```

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, 213, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 123) }
```

Border

The CSS property to change the border of an element to HunterLab 83.8323, -0.6199, 38.3932 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, 213, 123) }
```


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

```
.border{ border-color:rgb(255, 213, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 123);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
123) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.8323, -0.6199, 38.3932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 123) }
```

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

```
.background{ background-color: rgb(255,  
213, 123) }
```

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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