

Converting Colors

HunterLab(83.0044, -0.1700,
39.8707)

Have a look what the booklet for
HunterLab(83.0044, -0.1700,
39.8707) contains.

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Color

**HunterLab(83.1044, -0.2958,
39.8457)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD372
RGB	255, 211, 114
RGB Percent	100%, 83%, 45%
CMY	0.0000, 0.1725, 0.5529
CMYK	0.00, 0.17, 0.55, 0.00
HSL	41°, 100%, 72%
HSV	41°, 55%, 100%
XYZ	67.5715, 69.0634, 25.6887
YIQ	213.0980, 57.3610, -20.8390

Conversions

Conversions Part 2

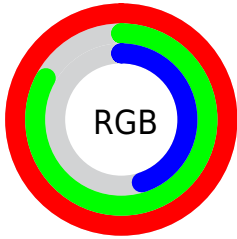
Format	Color
RYB	178, 255, 114
Decimal	16765810
CIELab	86.54, 4.28, 53.20
CIELCh	87, 53.375, 85.397
Yxy	69.0667, 0.4163, 0.4255
Android (android.graphics.Color)	4294955890 (0xFFFFD372)
YUV	213.0980, -48.8553, 36.7481
Hunter-Lab	83.1044, -0.2958, 39.8457

Details

The HunterLab color **83.1044, -0.2958, 39.8457** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **59.3715, 7.9889, -57.7531**, and the grayscale version is **81.8016, -4.3647, 4.4444**.

A 20% lighter version of the original color is **97.7789, -17.6432, 37.4787**, and **60.0532, 0.2242, 32.5089** is the 20% darker color. If you saturate the color by 10%, you get **80.4416, 2.1087, 42.7190**, and if you desaturate by 10%, it is **85.8967, -2.2381, 35.8967**.

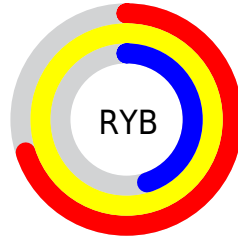
Distribution



Red (100%)

Green (83%)

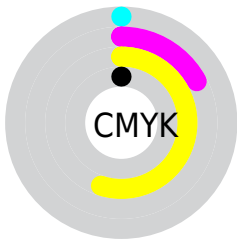
Blue (45%)



Red (70%)

Yellow (100%)

Blue (45%)

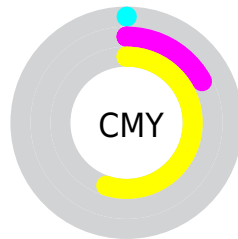


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.1044, -0.2958, 39.8457 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 83.1044, -0.2958, 39.8457 by changing the saturation by 10% instead.

83.1044, -0.2958,
39.8457

83.1044, -0.2958,
39.8457

213.8378, -5.7744,
67.9444

71.2503, 0.1311,
36.2546

108.5711, -1.2807,
46.6458

60.0187, 0.5170,
32.5020

122.1291, -1.8270,
49.8907

49.4485, 0.8546,
28.5581

136.2087, -2.4076,
53.0519

39.5840, 1.1386,
24.3870

150.7912, -3.0209,
56.1409

30.4798, 1.3625,
20.0042

165.8600, -3.6655,
59.1672

22.2057, 1.5167,
15.5440

181.3997, -4.3400,

14.8553, 1.5872,

62.1388

10.3987

197.3966, -5.0433,
65.0626

■ 8.5070, 1.7398,
5.9549

0.0000, NaN, NaN

■ 83.1044, -0.2958,
39.8457

■ 83.1044, -0.2958,
39.8457

■ 80.4416, 2.1087,
42.7190

■ 85.8967, -2.2381,
35.8967

■ 77.9045, 4.9769,
44.5123

■ 88.8091, -3.7094,
30.8928

■ 75.4955, 8.2825,
45.2577

■ 91.8396, -4.7218,
24.8725

■ 73.2116, 11.9816,
45.0407

■ 94.9834, -5.2891,
17.8821

72.1734, 13.8160,
44.7148

98.2359, -5.4285,
9.9730

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.



83.1064, 26.6060, 35.4053



83.1044, -0.2958, 39.8457



83.1064, -25.2325, 37.5375

Triad

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



83.1064, -0.2992, 39.8465



83.1064, -45.7342, -19.1328



83.1064, 41.9263, -28.0744

Complementary

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



83.1044, -0.2958, 39.8457



59.3715, 7.9889, -57.7531

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.



83.1064, 18.6244, -52.4356



83.1044, -0.2958, 39.8457



83.1064, -31.5045, -46.2377

Square

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



83.1064, -0.2992, 39.8465



83.1064, -49.4739, 8.3299



83.1064, -8.4989, -59.9530



83.1064, 52.8552, 0.5285

Rectangle

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



83.1044, -0.2958, 39.8457



83.1064, -37.7718, 31.9234



83.1064, -8.4989, -59.9530



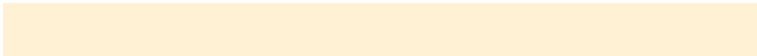
83.1064, 35.1488, -37.3442

Sweetspot

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



83.1064, -0.2992, 39.8465



94.4392, -5.2230, 19.1420



59.8216, 54.9052, 5.4705



43.3973, -2.3730, 9.5259

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1064, -0.2992, 39.8465



80.2582, 2.2966, 42.8812



94.5608, -31.1576, 47.7403



44.8088, -2.5079, 6.2053



52.4376, 9.4805, 32.4777



16.9485, 1.8682, 10.4763

Inverse Universe

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



59.3715, 7.9889, -57.7531



52.6863, 13.5576, -73.7635



49.8175, 37.7178, -81.2387



42.7812, -1.9948, -1.7375



26.4010, 28.3752, -94.2528



9.2940, 6.1399, -24.8711

Previews

White Background



This preview shows how the HunterLab color 83.1044, -0.2958, 39.8457 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 83.1044, -0.2958, 39.8457 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 83.1044, -0.2958, 39.8457 Background



This preview shows how black text looks on a background with the HunterLab color 83.1044, -0.2958, 39.8457.



This preview shows how white text looks on a background with the HunterLab color 83.1044, -0.2958,

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

83.1044, -0.2958, 39.8457

Protanopia

83.2090, -9.2629, 39.3375

Deuteranopia

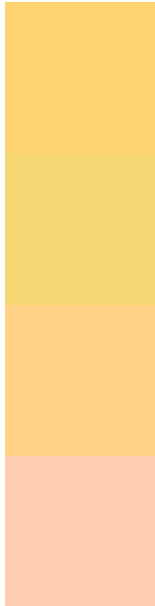
83.0467, 3.6362, 31.5293



Tritanopia

82.9929, 15.7740, 5.4873

Trichromacy



Original Color

83.1044, -0.2958, 39.8457

Protanomaly

83.2173, -6.0964, 39.6153

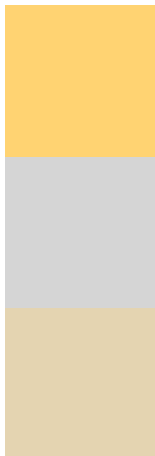
Deuteranomaly

83.1279, 1.9589, 34.9087

Tritanomaly

82.8354, 8.7825, 21.0492

Monochromacy



Original Color

83.1044, -0.2958, 39.8457

Achromatopsia

81.5713, -4.3524, 4.4319

Achromatomaly

81.7039, -4.3086, 20.0859

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1044, -0.2958, 39.8457 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, 211, 114)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 114)  
}
```

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, 211, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1044, -0.2958, 39.8457 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, 211, 114) }
```


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

```
.border{ border-color:rgb(255, 211, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 114);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1044, -0.2958, 39.8457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 114) }
```

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

```
.background{ background-color: rgb(255,  
211, 114) }
```

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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