

Converting Colors

HunterLab(96.5889, 43.5068,
45.1657)

Have a look what the booklet for
HunterLab(96.5889, 43.5068,
45.1657) contains.

HunterLab(83.5117, 1.9096, 33.8781)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(83.5117, 1.9096,
33.8781)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD38C
RGB	255, 211, 140
RGB Percent	100%, 83%, 55%
CMY	0.0000, 0.1725, 0.4510
CMYK	0.00, 0.17, 0.45, 0.00
HSL	37°, 100%, 77%
HSV	37°, 45%, 100%
XYZ	69.2680, 69.7420, 34.6218
YIQ	216.0620, 49.0150, -12.7530

Conversions

Conversions Part 2

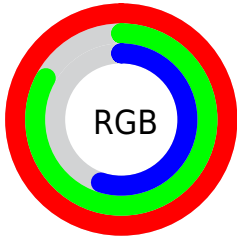
Format	Color
R _Y B	211, 255, 140
Decimal	16765836
CIE Lab	86.87, 6.54, 40.85
CIE LCh	87, 41.376, 80.899
Yxy	69.7453, 0.3989, 0.4017
Android (android.graphics.Color)	4294955916 (0xFFFFD38C)
YUV	216.0620, -37.4986, 34.1486
Hunter-Lab	83.5117, 1.9096, 33.8781

Details

The HunterLab color **83.5117, 1.9096, 33.8781** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.6111, -0.3814, -39.4836**, and the grayscale version is **83.0369, -4.4306, 4.5116**.

A 20% lighter version of the original color is **98.3235, -14.5995, 29.5539**, and **60.4739, 2.2763, 28.0374** is the 20% darker color. If you saturate the color by 10%, you get **80.2353, 4.7532, 37.6489**, and if you desaturate by 10%, it is **86.9380, -0.4707, 29.1221**.

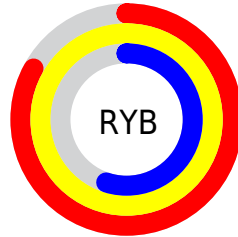
Distribution



Red (100%)

Green (83%)

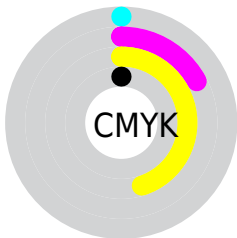
Blue (55%)



Red (83%)

Yellow (100%)

Blue (55%)

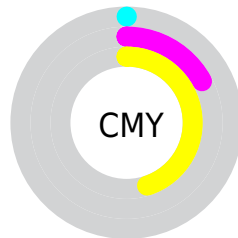


Cyan (0%)

Magenta (17%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5117, 1.9096, 33.8781 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 83.5117, 1.9096, 33.8781 by changing the saturation by 10% instead.

83.5117, 1.9096,
33.8781

83.5117, 1.9096,
33.8781

214.3957, -2.7928,
56.6725

71.6372, 2.2328,
31.0346

109.0163, 1.1190,
39.3034

60.3842, 2.5096,
28.0757

122.5920, 0.6642,
41.9122

49.7912, 2.7317,
24.9757

136.6888, 0.1718,
44.4667

39.9022, 2.8929,
21.6995

151.2879, -0.3563,
46.9752

30.7715, 2.9846,
18.2020

166.3726, -0.9182,
49.4448

22.4683, 2.9952,
14.7176

181.9279, -1.5124,

15.0851, 2.9071,

51.8811

10.5596

197.9398, -2.1377,
54.2890

■ 8.7221, 2.8174,
6.1055

0.0000, NaN, NaN

■ 83.5117, 1.9096,
33.8781

■ 83.5117, 1.9096,
33.8781

■ 80.2353, 4.7532,
37.6489

■ 86.9380, -0.4707,
29.1221

■ 77.1101, 8.0757,
40.3888

■ 90.5006, -2.3914,
23.4316

■ 74.1447, 11.8681,
42.0758

■ 94.1937, -3.8750,
16.8667

■ 71.3439, 16.1080,
42.7197

■ 98.0098, -4.9433,
9.4880

■ 68.7093, 20.7478,
42.3874

100.0000, -5.3358,
5.4332

■ 67.4727, 23.1212,
41.9811

Harmonies

Analogous

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



83.5137, 22.0559, 28.8455



83.5117, 1.9096, 33.8781



83.5137, -18.1437, 32.6707

Triad

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



83.5137, 1.9063, 33.8791



83.5137, -38.3785, -10.0647



83.5137, 28.6025, -22.9234

Complementary

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



83.5117, 1.9096, 33.8781



68.6111, -0.3814, -39.4836

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.



83.5137, 10.1645, -38.9426



83.5117, 1.9096, 33.8781



83.5137, -28.0327, -30.3553

Square

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



83.5137, 1.9063, 33.8791



83.5137, -40.1272, 10.2965



83.5137, -10.6422, -41.9506



83.5137, 38.4231, -1.6451

Rectangle

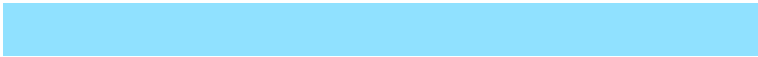
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.5117, 1.9096, 33.8781



83.5137, -28.8752, 28.3321



83.5137, -10.6422, -41.9506



83.5137, 23.1272, -29.2980

Sweetspot

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



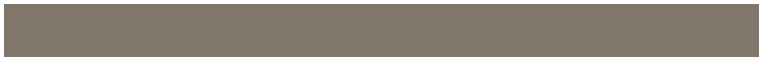
83.5137, 1.9063, 33.8791



94.6065, -4.0120, 16.0958



65.9402, 45.0728, 0.6052



43.3944, -1.7292, 8.1438

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.5137, 1.9063, 33.8791



80.5876, 4.4176, 37.2850



96.0297, -24.9822, 43.4165



44.5589, -2.0921, 5.9388



49.0774, 16.0896, 30.5229



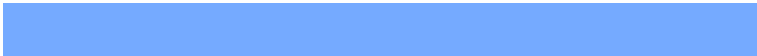
15.9892, 3.6748, 9.9168

Inverse Universe

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



68.6111, -0.3814, -39.4836



63.0587, 2.3008, -50.0567



57.2626, 26.4883, -62.2087



43.0312, -2.4107, -1.4277



29.2563, 20.9480, -81.7885



10.1819, 4.1483, -21.6814

Previews

White Background



This preview shows how the HunterLab color 83.5117, 1.9096, 33.8781 looks on a white background.

Color Contrast Check

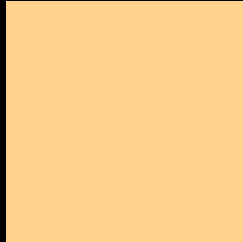
Large Text (above 18pt) WCAG AA × Fail

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 83.5117, 1.9096, 33.8781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

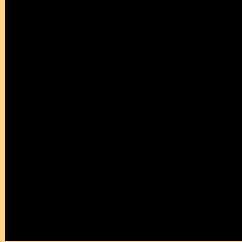
Any Text WCAG AA ✓ Pass

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 83.5117, 1.9096, 33.8781 Background



This preview shows how black text looks on a background with the HunterLab color 83.5117, 1.9096, 33.8781.



This preview shows how white text looks on a background with the HunterLab color 83.5117, 1.9096,

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

83.5117, 1.9096, 33.8781

Protanopia

83.7440, -8.1018, 33.0625

Deuteranopia

83.5389, 4.1736, 28.9102



Tritanopia

83.6256, 15.0153, 5.2502

Trichromacy



Original Color

83.5117, 1.9096, 33.8781

Protanomaly

83.5386, -4.1184, 33.2411

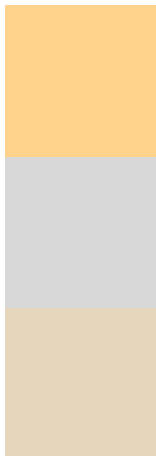
Deuteranomaly

83.4192, 3.5294, 30.6549

Tritanomaly

83.4025, 9.7215, 17.3373

Monochromacy



Original Color

83.5117, 1.9096, 33.8781

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

82.7931, -3.1178, 16.8912

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5117, 1.9096, 33.8781 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5117, 1.9096, 33.8781 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, 140) }
```


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

```
.border{ border-color:rgb(255, 211, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5117, 1.9096, 33.8781 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, 140) }
```

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

```
.background{ background-color: rgb(255,  
211, 140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor