

Converting Colors

HunterLab(83.3282, 2.2483,
32.4258)

Have a look what the booklet for
HunterLab(83.3282, 2.2483,
32.4258) contains.

HunterLab(83.1916, 2.5301, 32.2149)	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(83.1916, 2.5301,
32.2149)**

Conversions

Conversions Part 1

Format	Color
Hex	FED291
RGB	254, 210, 145
RGB Percent	100%, 82%, 57%
CMY	0.0039, 0.1764, 0.4314
CMYK	0.00, 0.17, 0.43, 0.00
HSL	36°, 98%, 78%
HSV	36°, 43%, 100%
XYZ	69.0306, 69.2084, 36.5084
YIQ	215.7460, 47.0890, -10.8870

Conversions

Conversions Part 2

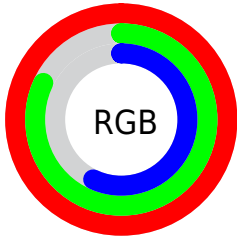
Format	Color
R _Y B	219, 254, 145
Decimal	16700049
CIE Lab	86.61, 7.16, 37.97
CIE LCh	87, 38.636, 79.314
Yxy	69.2117, 0.3950, 0.3961
Android (android.graphics.Color)	4294890129 (0xFF FED291)
YUV	215.7460, -34.8778, 33.5488
Hunter-Lab	83.1916, 2.5301, 32.2149

Details

The HunterLab color **83.1916, 2.5301, 32.2149** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.4053, -2.1134, -35.6162**, and the grayscale version is **82.8899, -4.4228, 4.5036**.

A 20% lighter version of the original color is **98.4633, -13.8209, 27.5268**, and **60.1410, 2.7003, 26.8965** is the 20% darker color. If you saturate the color by 10%, you get **79.7573, 5.5316, 36.1275**, and if you desaturate by 10%, it is **86.7817, -0.0122, 27.3552**.

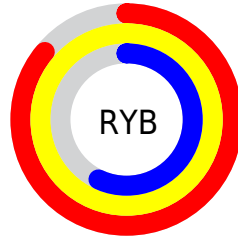
Distribution



Red (100%)

Green (82%)

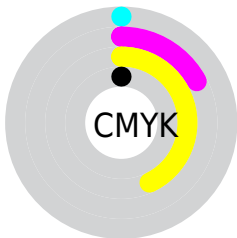
Blue (57%)



Red (86%)

Yellow (100%)

Blue (57%)

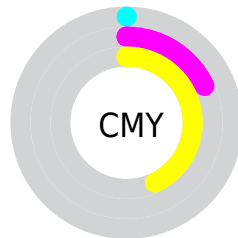


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.1916, 2.5301, 32.2149 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 83.1916, 2.5301, 32.2149 by changing the saturation by 10% instead.

 83.1916, 2.5301,
32.2149


 83.1916, 2.5301,
32.2149


213.9573, -1.9495,
53.8098

 71.3331, 2.8235,
29.5401


 108.6664, 1.7954,
37.3300

 60.0969, 3.0688,
26.7608


 122.2282, 1.3668,
39.7952

 49.5218, 3.2576,
23.8526


136.3115, 0.8998,
42.2127

 39.6521, 3.3831,
20.7819

150.8976, 0.3962,
44.5900

 30.5422, 3.4365,
17.5038

165.9698, -0.1420,
46.9336

 22.2619, 3.4053,
14.1102

181.5128, -0.7133,

 14.9044, 3.2708,

49.2486

10.4331

197.5129, -1.3162,
51.5394

■ 8.5535, 3.1993,
5.9875

0.0000, NaN, NaN

■ 83.1916, 2.5301,
32.2149

■ 83.1916, 2.5301,
32.2149

■ 79.7573, 5.5316,
36.1275

■ 86.7817, -0.0122,
27.3552

■ 76.4817, 9.0109,
39.0392

■ 90.5127, -2.1016,
21.6045

■ 73.3750, 12.9621,
40.9168

■ 94.3780, -3.7626,
15.0263

■ 70.4442, 17.3663,
41.7551

■ 98.3691, -5.0187,
7.6829

■ 67.6934, 22.1803,
41.5993

99.9054, -5.6651,
5.3160

■ 65.8478, 25.7748,
41.0263

Harmonies

Analogous

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



83.1936, 21.0696, 27.0360



83.1916, 2.5301, 32.2149



83.1936, -16.3277, 31.3615

Triad

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



83.1936, 2.5268, 32.2159



83.1936, -36.5524, -7.9706



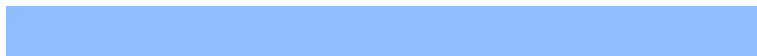
83.1936, 25.5046, -21.8311

Complementary

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



83.1916, 2.5301, 32.2149



70.4053, -2.1134, -35.6162

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.



83.1936, 8.1477, -35.9922



83.1916, 2.5301, 32.2149



83.1936, -27.2101, -26.8164

Square

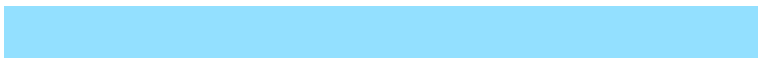
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1936, 2.5268, 32.2159



83.1936, -37.7607, 10.7922



83.1936, -11.1916, -37.9995



83.1936, 35.1140, -2.2637

Rectangle

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



83.1916, 2.5301, 32.2149



83.1936, -26.6059, 27.4113



83.1936, -11.1916, -37.9995



83.1936, 20.3132, -27.5540

Sweetspot

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



83.1936, 2.5268, 32.2159



94.7651, -3.7662, 15.1567



67.1255, 42.9833, -1.1257



43.4411, -1.5882, 7.7179

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1936, 2.5268, 32.2159



80.7589, 4.9458, 35.6179



96.0862, -22.9153, 42.2766



44.4845, -1.9679, 5.8591



48.1213, 18.0652, 29.9684



15.7133, 4.2166, 9.7563

Inverse Universe

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



70.4053, -2.1134, -35.6162



65.7227, -0.1043, -44.8516



58.5539, 23.6087, -58.4507



43.1060, -2.5347, -1.3354



30.1782, 18.7511, -78.1984



10.4606, 3.5662, -20.7732

Previews

White Background



This preview shows how the HunterLab color 83.1916, 2.5301, 32.2149 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 83.1916, 2.5301, 32.2149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

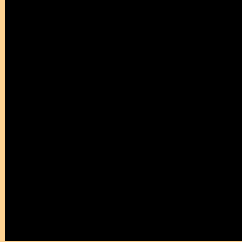
Any Text WCAG AA ✓ Pass

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 83.1916, 2.5301, 32.2149 Background



This preview shows how black text looks on a background with the HunterLab color 83.1916, 2.5301, 32.2149.



This preview shows how white text looks on a background with the HunterLab color 83.1916, 2.5301,

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

83.1916, 2.5301, 32.2149

Protanopia

83.3223, -7.8099, 31.2699

Deuteranopia

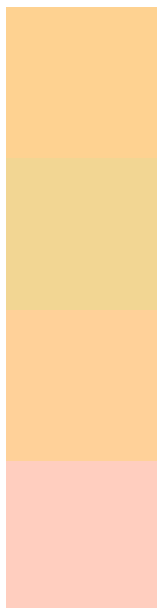
83.2438, 4.6955, 28.6572



Tritanopia

83.0552, 16.1001, 4.5981

Trichromacy



Original Color

83.1916, 2.5301, 32.2149

Protanomaly

83.1126, -3.8477, 31.4545

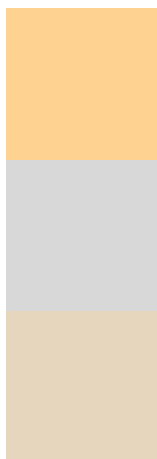
Deuteranomaly

83.1630, 4.2616, 29.8335

Tritanomaly

83.1650, 10.5326, 16.2903

Monochromacy



Original Color

83.1916, 2.5301, 32.2149

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

82.8455, -2.8314, 16.1355

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1916, 2.5301, 32.2149 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(254, 210, 145)` looks like.

```
.text, #text, p{  
    color:rgb(254, 210, 145)  
}
```

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(254, 210, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 210, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1916, 2.5301, 32.2149 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(254, 210, 145) }
```


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

```
.border{ border-color:rgb(254, 210, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 210, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 210, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 210, 145);  
box-shadow:4px 4px 4px 4px rgb(254, 210,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1916, 2.5301, 32.2149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 210, 145) }
```

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

```
.background{ background-color: rgb(254,  
210, 145) }
```

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