

Converting Colors

HunterLab(83.8723, 3.0060,
29.5352)

Have a look what the booklet for
HunterLab(83.8723, 3.0060,
29.5352) contains.

HunterLab(83.7016, 3.1607, 29.3526)	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(83.7016, 3.1607,
29.3526)**

Conversions

Conversions Part 1

Format	Color
Hex	FED39C
RGB	254, 211, 156
RGB Percent	100%, 83%, 61%
CMY	0.0039, 0.1725, 0.3882
CMYK	0.00, 0.17, 0.39, 0.00
HSL	34°, 98%, 80%
HSV	34°, 39%, 100%
XYZ	70.1680, 70.0596, 41.2770
YIQ	217.5870, 43.2830, -7.9890

Conversions

Conversions Part 2

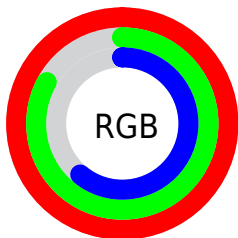
Format	Color
R _Y B	233, 254, 156
Decimal	16700316
CIE _{Lab}	87.03, 7.81, 32.88
CIE _{LCh}	87, 33.800, 76.635
Yxy	70.0629, 0.3866, 0.3860
Android (android.graphics.Color)	4294890396 (0xFF FED39C)
YUV	217.5870, -30.3624, 31.9342
Hunter-Lab	83.7016, 3.1607, 29.3526

Details

The HunterLab color **83.7016, 3.1607, 29.3526** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74.2081, -4.7299, -29.2721**, and the grayscale version is **83.6686, -4.4643, 4.5459**.

A 20% lighter version of the original color is **98.7336, -12.3187, 23.6156**, and **60.7035, 3.5109, 24.6750** is the 20% darker color. If you saturate the color by 10%, you get **79.9649, 6.4183, 33.5701**, and if you desaturate by 10%, it is **87.6046, 0.3565, 24.2547**.

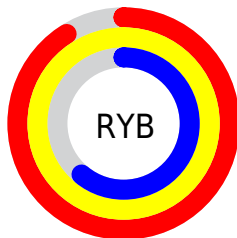
Distribution



Red (100%)

Green (83%)

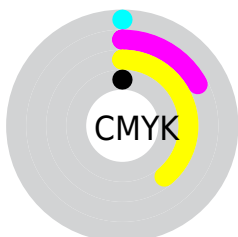
Blue (61%)



Red (91%)

Yellow (100%)

Blue (61%)

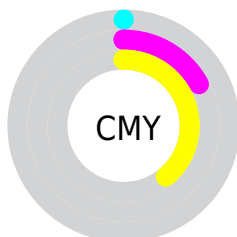


Cyan (0%)

Magenta (17%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7016, 3.1607, 29.3526 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 83.7016, 3.1607, 29.3526 by changing the saturation by 10% instead.


 83.7016, 3.1607,
29.3526


 83.7016, 3.1607,
29.3526


214.6557, -1.1086,
48.8365

 71.8177, 3.4263,
26.9788


 109.2238, 2.4784,
33.9180

 60.5546, 3.6425,
24.5217


 122.8078, 2.0745,
36.1299

 49.9510, 3.8006,
21.9606


136.9125, 1.6313,
38.3061

 40.0507, 3.8937,
19.2660

151.5193, 1.1509,
40.4529

 30.9077, 3.9126,
16.3969

166.6115, 0.6352,
42.5754

 22.5910, 3.8443,
13.2971

182.1740, 0.0857,

 15.1925, 3.6696,

44.6779

10.6348

198.1929, -0.4960,
46.7639

■ 8.8205, 3.4521,
6.1743

0.0000, NaN, NaN

■ 83.7016, 3.1607,
29.3526

■ 83.7016, 3.1607,
29.3526

■ 79.9649, 6.4183,
33.5701

■ 87.6046, 0.3565,
24.2547

■ 76.4000, 10.1527,
36.8412

■ 91.6570, -2.0051,
18.3401

■ 73.0202, 14.3637,
39.1149

■ 95.8503, -3.9519,
11.6765

■ 69.8362, 19.0386,
40.3609

■ 99.9054, -5.6651,
5.3160

■ 66.8571, 24.1414,
40.5887

■ 64.0855, 29.5912,
39.9115

■ 63.7068, 30.3742,
39.7876

Harmonies

Analogous

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



83.7036, 18.9783, 24.0217



83.7016, 3.1607, 29.3526



83.7036, -13.5523, 29.0502

Triad

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



83.7036, 3.1575, 29.3536



83.7036, -33.3287, -4.7636



83.7036, 20.4308, -19.5117

Complementary

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



83.7016, 3.1607, 29.3526



74.2081, -4.7299, -29.2721

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.



83.7036, 5.0154, -30.7143



83.7016, 3.1607, 29.3526



83.7036, -25.5924, -21.1132

Square

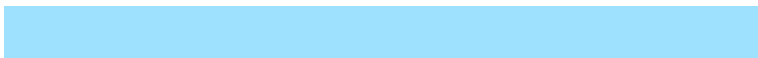
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.7036, 3.1575, 29.3536



83.7036, -33.7397, 11.3775



83.7036, -11.8352, -31.3524



83.7036, 29.4705, -2.8923

Rectangle

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



83.7016, 3.1607, 29.3526



83.7036, -22.9540, 25.7215



83.7036, -11.8352, -31.3524



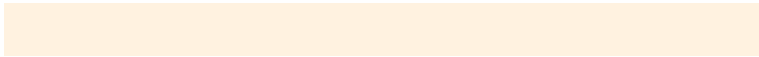
83.7036, 15.7700, -24.1679

Sweetspot

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



83.7036, 3.1575, 29.3536



94.8237, -3.3460, 14.0989



70.0165, 38.5901, -2.5051



43.6144, -1.4321, 6.9316

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.7036, 3.1575, 29.3536



81.2730, 5.5594, 32.7193



96.6654, -20.4316, 39.9151



44.3606, -1.7607, 5.7264



46.5794, 21.3514, 29.0758



15.2650, 5.1206, 9.4959

Inverse Universe

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



74.2081, -4.7299, -29.2721



70.0446, -3.5331, -36.9825



62.0484, 19.3062, -51.0253



43.2308, -2.7411, -1.1817



31.7781, 15.1324, -72.3863



10.9377, 2.6103, -19.3060

Previews

White Background



This preview shows how the HunterLab color 83.7016, 3.1607, 29.3526 looks on a white background.

Color Contrast Check

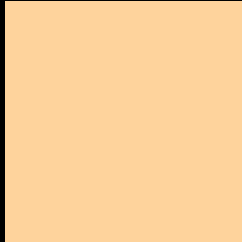
Large Text (above 18pt) WCAG AA × Fail

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 83.7016, 3.1607, 29.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

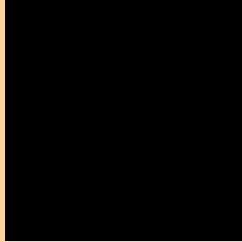
Any Text WCAG AA ✓ Pass

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 83.7016, 3.1607, 29.3526 Background



This preview shows how black text looks on a background with the HunterLab color 83.7016, 3.1607, 29.3526.



This preview shows how white text looks on a background with the HunterLab color 83.7016, 3.1607,

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

83.7016, 3.1607, 29.3526

Protanopia

83.7487, -7.4642, 28.2534

Deuteranopia

83.6860, 4.9637, 26.7706



Tritanopia

83.6568, 15.1790, 4.8049

Trichromacy



Original Color

83.7016, 3.1607, 29.3526

Protanomaly

83.5286, -3.5359, 28.4471

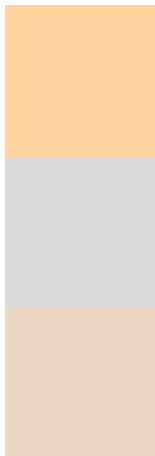
Deuteranomaly

83.6220, 4.6200, 27.7013

Tritanomaly

83.5618, 10.5664, 15.0423

Monochromacy



Original Color

83.7016, 3.1607, 29.3526

Achromatopsia

83.7318, -4.4677, 4.5493

Achromatomaly

83.3846, -2.2709, 14.6305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7016, 3.1607, 29.3526 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, 211, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 156)  
}
```

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, 211, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7016, 3.1607, 29.3526 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, 211, 156) }
```


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

```
.border{ border-color:rgb(254, 211, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7016, 3.1607, 29.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 156) }
```

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

```
.background{ background-color: rgb(254,  
211, 156) }
```

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