

Converting Colors

HunterLab(83.5878, 3.5134,
30.1913)

Have a look what the booklet for
HunterLab(83.5878, 3.5134,
30.1913) contains.

HunterLab(83.4584, 3.7408, 30.0825)	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(83.4584, 3.7408,
30.0825)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD299
RGB	255, 210, 153
RGB Percent	100%, 82%, 60%
CMY	0.0000, 0.1764, 0.4000
CMYK	0.00, 0.18, 0.40, 0.00
HSL	34°, 100%, 80%
HSV	34°, 40%, 100%
XYZ	70.0363, 69.6530, 39.8900
YIQ	216.9570, 45.1170, -8.1870

Conversions

Conversions Part 2

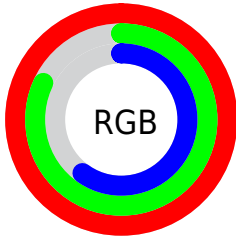
Format	Color
R_{YB}	234, 255, 153
Decimal	16765593
CIE _{Lab}	86.83, 8.39, 34.18
CIE _{LCh}	87, 35.195, 76.207
Yxy	69.6563, 0.3900, 0.3879
Android (android.graphics.Color)	4294955673 (0xFFFFD299)
YUV	216.9570, -31.5308, 33.3637
Hunter-Lab	83.4584, 3.7408, 30.0825

Details

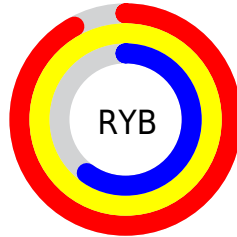
The HunterLab color **83.4584, 3.7408, 30.0825** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.7418, -4.6767, -30.7092**, and the grayscale version is **83.4002, -4.4500, 4.5313**.

A 20% lighter version of the original color is **98.6580, -12.7380, 24.7073**, and **60.4871, 4.1136, 25.2756** is the 20% darker color. If you saturate the color by 10%, you get **79.7126, 7.1126, 34.1807**, and if you desaturate by 10%, it is **87.3740, 0.8271, 25.0931**.

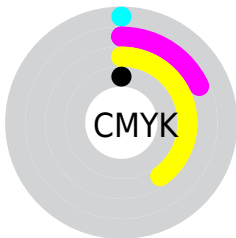
Distribution



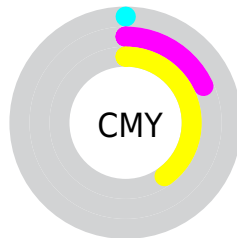
- Red (100%)
- Green (82%)
- Blue (60%)



- Red (92%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.4584, 3.7408, 30.0825 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 83.4584, 3.7408, 30.0825 by changing the saturation by 10% instead.

 83.4584, 3.7408,
30.0825


 83.4584, 3.7408,
30.0825

214.3227, -0.3229,
50.1029

 71.5866, 3.9789,
27.6319


 108.9580, 3.1099,
34.7879

 60.3363, 4.1661,
25.0924


 122.5315, 2.7303,
37.0642

 49.7463, 4.2935,
22.4423

136.6259, 2.3105,
39.3017

 39.8605, 4.3540,
19.6507

151.2229, 1.8527,
41.5071

 30.7333, 4.3378,
16.6755

166.3056, 1.3588,
43.6857

 22.4339, 4.2314,
13.4725


181.8588, 0.8306,

 15.0550, 4.0146,

45.8421

10.5385

197.8687, 0.2696,
47.9801

 8.6943, 3.7956,
6.0860


0.0000, NaN, NaN


 83.4584, 3.7408,
30.0825


 83.4584, 3.7408,
30.0825


 79.7126, 7.1126,
34.1807


 87.3740, 0.8271,
25.0931

 76.1423, 10.9648,
37.3219

 91.4422, -1.6387,
19.2766

 72.7611, 15.2953,
39.4564

 95.6543, -3.6842,
12.7016

 69.5799, 20.0883,
40.5575

100.0000, -5.3358,
5.4332

■ 66.6075, 25.3030,
40.6420

■ 63.8433, 30.8372,
39.8797

■ 63.8431, 30.8376,
39.8797

Harmonies

Analogous

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



83.4604, 20.1925, 24.5447



83.4584, 3.7408, 30.0825



83.4604, -13.6652, 29.8550

Triad

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



83.4604, 3.7376, 30.0835



83.4604, -34.4414, -4.9183



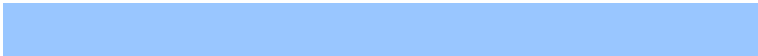
83.4604, 21.3133, -20.8539

Complementary

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



83.4584, 3.7408, 30.0825



73.7418, -4.6767, -30.7092

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.



83.4604, 5.1671, -32.5163



83.4584, 3.7408, 30.0825



83.4604, -26.5423, -22.0969

Square

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



83.4604, 3.7376, 30.0835



83.4604, -34.7550, 11.8368



83.4604, -12.3485, -33.0132



83.4604, 30.8920, -3.4750

Rectangle

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



83.4584, 3.7408, 30.0825



83.4604, -23.4629, 26.5083



83.4604, -12.3485, -33.0132



83.4604, 16.4167, -25.7168

Sweetspot

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



83.4604, 3.7376, 30.0835



94.8006, -3.3073, 14.0746



69.3988, 40.4106, -2.6401



43.6026, -1.4123, 6.9193

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.4604, 3.7376, 30.0835



80.4481, 6.3999, 33.4362



97.0183, -20.9402, 40.9978



44.3522, -1.7465, 5.7173



46.4762, 21.5759, 29.0161



15.2349, 5.1825, 9.4784

Inverse Universe

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



73.7418, -4.6767, -30.7092



68.9509, -3.2778, -38.9221



61.0594, 20.4948, -53.8829



43.2394, -2.7553, -1.1711



31.8904, 14.8868, -71.9966



10.9709, 2.5455, -19.2076

Previews

White Background



This preview shows how the HunterLab color 83.4584, 3.7408, 30.0825 looks on a white background.

Color Contrast Check

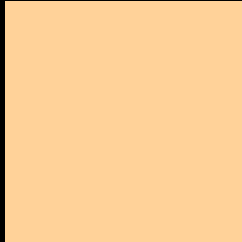
Large Text (above 18pt) WCAG AA × Fail

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 83.4584, 3.7408, 30.0825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

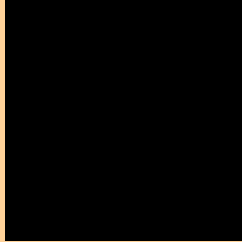
Any Text WCAG AA ✓ Pass

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 83.4584, 3.7408, 30.0825 Background



This preview shows how black text looks on a background with the HunterLab color 83.4584, 3.7408, 30.0825.



This preview shows how white text looks on a background with the HunterLab color 83.4584, 3.7408,

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

83.4584, 3.7408, 30.0825

Protanopia

83.3777, -7.3004, 28.8832

Deuteranopia

83.3484, 5.2569, 27.1352



Tritanopia

83.3400, 15.5575, 4.9242

Trichromacy



Original Color

83.4584, 3.7408, 30.0825

Protanomaly

83.2688, -2.9936, 29.1771

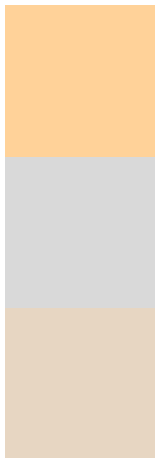
Deuteranomaly

83.2851, 4.9175, 28.0553

Tritanomaly

83.2452, 10.9573, 15.1355

Monochromacy



Original Color

83.4584, 3.7408, 30.0825

Achromatopsia

83.2990, -4.4446, 4.5258

Achromatomaly

83.0525, -1.9030, 14.7072

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4584, 3.7408, 30.0825 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, 210, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 153)  
}
```

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, 210, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4584, 3.7408, 30.0825 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, 210, 153) }
```


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

```
.border{ border-color:rgb(255, 210, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4584, 3.7408, 30.0825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 153) }
```

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

```
.background{ background-color: rgb(255,  
210, 153) }
```

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