

Converting Colors

HunterLab(91.0521, 29.0437,
37.5133)

Have a look what the booklet for
HunterLab(91.0521, 29.0437,
37.5133) contains.

HunterLab(83.1236, 4.0498, 30.4079)	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(83.1236, 4.0498,
30.4079)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD197
RGB	255, 209, 151
RGB Percent	100%, 82%, 59%
CMY	0.0000, 0.1804, 0.4078
CMYK	0.00, 0.18, 0.41, 0.00
HSL	33°, 100%, 80%
HSV	33°, 41%, 100%
XYZ	69.6264, 69.0953, 38.9452
YIQ	216.1420, 46.0340, -8.2860

Conversions

Conversions Part 2

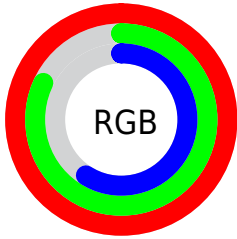
Format	Color
R_{YB}	233, 255, 151
Decimal	16765335
CIE _{Lab}	86.55, 8.69, 34.84
CIE _{LCh}	87, 35.913, 75.990
Yxy	69.0986, 0.3919, 0.3889
Android (android.graphics.Color)	4294955415 (0xFFFFD197)
YUV	216.1420, -32.1150, 34.0785
Hunter-Lab	83.1236, 4.0498, 30.4079

Details

The HunterLab color **83.1236, 4.0498, 30.4079** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.3007, -4.6227, -31.4378**, and the grayscale version is **83.0498, -4.4313, 4.5123**.

A 20% lighter version of the original color is **98.6084, -13.0136, 25.4247**, and **60.1780, 4.4364, 25.5288** is the 20% darker color. If you saturate the color by 10%, you get **79.3839, 7.4736, 34.4300**, and if you desaturate by 10%, it is **87.0345, 1.0854, 25.4908**.

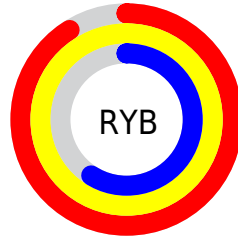
Distribution



Red (100%)

Green (82%)

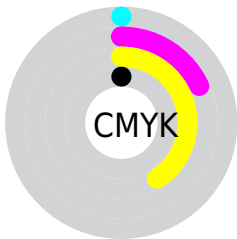
Blue (59%)



Red (91%)

Yellow (100%)

Blue (59%)

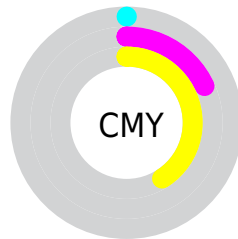


Cyan (0%)

Magenta (18%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.1236, 4.0498, 30.4079 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 83.1236, 4.0498, 30.4079 by changing the saturation by 10% instead.

 83.1236, 4.0498,
30.4079

 83.1236, 4.0498,
30.4079


213.8641, 0.0999,
50.7102

 71.2685, 4.2725,
27.9163

 108.5921, 3.4475,
35.1876

 60.0359, 4.4436,
25.3326

 122.1509, 3.0813,
37.4979

 49.4646, 4.5539,
22.6343


136.2313, 2.6744,
39.7676

 39.5989, 4.5960,
19.7900

150.8146, 2.2291,
42.0037

 30.4935, 4.5599,
16.7566

165.8841, 1.7474,
44.2116

 22.2180, 4.4318,
13.5122

181.4246, 1.2309,

 14.8661, 4.1909,

46.3962

10.4063

197.4222, 0.6813,
48.5613

■ 8.5173, 4.0231,
5.9621

0.0000, NaN, NaN

■ 83.1236, 4.0498,
30.4079

■ 83.1236, 4.0498,
30.4079

■ 79.3839, 7.4736,
34.4300

■ 87.0345, 1.0854,
25.4908

■ 75.8212, 11.3785,
37.4916

■ 91.0994, -1.4294,
19.7428

■ 72.4493, 15.7611,
39.5442

■ 95.3093, -3.5220,
13.2327

■ 69.2790, 20.6039,
40.5631

■ 99.6541, -5.2187,
6.0255

■ 66.3189, 25.8636, 100.0000, -5.3358,
40.5697 5.4332

■ 63.7755, 30.9862,
39.8406

Harmonies

Analogous

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



83.1256, 20.8156, 24.7737



83.1236, 4.0498, 30.4079



83.1256, -13.6981, 30.2200

Triad

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



83.1256, 4.0466, 30.4089



83.1256, -34.9696, -4.9958



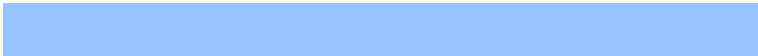
83.1256, 21.7545, -21.5503

Complementary

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



83.1236, 4.0498, 30.4079



73.3007, -4.6227, -31.4378

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.



83.1256, 5.2422, -33.4452



83.1236, 4.0498, 30.4079



83.1256, -26.9992, -22.5949

Square

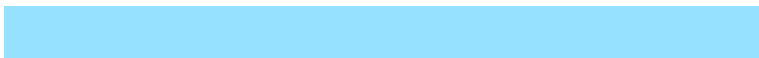
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.1256, 4.0466, 30.4089



83.1256, -35.2306, 12.0580



83.1256, -12.5989, -33.8635



83.1256, 31.6088, -3.7870

Rectangle

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



83.1236, 4.0498, 30.4079



83.1256, -23.6898, 26.8719



83.1256, -12.5989, -33.8635



83.1256, 16.7389, -26.5182

Sweetspot

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



83.1256, 4.0466, 30.4089



94.7898, -3.2891, 14.0632



68.8926, 41.3153, -2.7012



43.5970, -1.4030, 6.9135

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



83.1256, 4.0466, 30.4089



80.0384, 6.8276, 33.7814



96.9750, -21.1655, 41.4840



44.3482, -1.7398, 5.7130



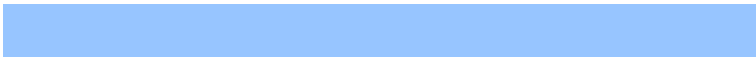
46.4277, 21.6816, 28.9881



15.2207, 5.2116, 9.4702

Inverse Universe

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



73.3007, -4.6227, -31.4378



68.4086, -3.1374, -39.8988



60.3672, 21.1092, -55.3521



43.2434, -2.7619, -1.1662



31.9434, 14.7713, -71.8134



10.9866, 2.5150, -19.1614

Previews

White Background



This preview shows how the HunterLab color 83.1236, 4.0498, 30.4079 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 83.1236, 4.0498, 30.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

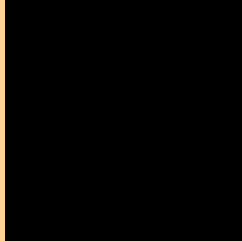
Any Text WCAG AA ✓ Pass

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 83.1236, 4.0498, 30.4079 Background



This preview shows how black text looks on a background with the HunterLab color 83.1236, 4.0498, 30.4079.



This preview shows how white text looks on a background with the HunterLab color 83.1236, 4.0498,

30.4079.

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

83.1236, 4.0498, 30.4079

Protanopia

83.3374, -7.5227, 29.4702

Deuteranopia

82.9909, 5.4404, 27.8004



Tritanopia

83.0239, 15.9366, 5.0439

Trichromacy



Original Color

83.1236, 4.0498, 30.4079

Protanomaly

83.2288, -3.2122, 29.7601

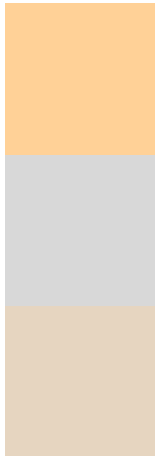
Deuteranomaly

82.9289, 5.1079, 28.7029

Tritanomaly

82.9026, 11.2069, 15.6151

Monochromacy



Original Color

83.1236, 4.0498, 30.4079

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

82.5937, -2.0269, 15.0598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.1236, 4.0498, 30.4079 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, 209, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 151)  
}
```

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, 209, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 83.1236, 4.0498, 30.4079 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, 209, 151) }
```


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

```
.border{ border-color:rgb(255, 209, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.1236, 4.0498, 30.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 151) }
```

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

```
.background{ background-color: rgb(255,  
209, 151) }
```

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