

Converting Colors

HunterLab(82.9686, 4.6054,
29.6693)

Have a look what the booklet for
HunterLab(82.9686, 4.6054,
29.6693) contains.

HunterLab(82.8684, 4.7830, 29.5847)	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(82.8684, 4.7830,
29.5847)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD099
RGB	255, 208, 153
RGB Percent	100%, 82%, 60%
CMY	0.0000, 0.1843, 0.4000
CMYK	0.00, 0.18, 0.40, 0.00
HSL	32°, 100%, 80%
HSV	32°, 40%, 100%
XYZ	69.5457, 68.6717, 39.7265
YIQ	215.7830, 45.6670, -7.1410

Conversions

Conversions Part 2

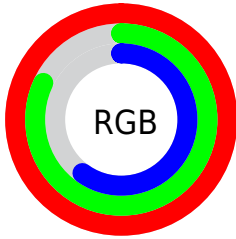
Format	Color
R_{YB}	240, 255, 153
Decimal	16765081
CIE _{Lab}	86.34, 9.43, 33.54
CIE _{LCh}	86, 34.838, 74.303
Yxy	68.6749, 0.3908, 0.3859
Android (android.graphics.Color)	4294955161 (0xFFFFD099)
YUV	215.7830, -30.9520, 34.3933
Hunter-Lab	82.8684, 4.7830, 29.5847

Details

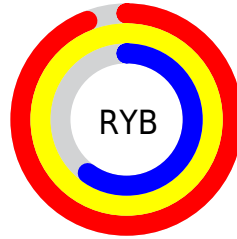
The HunterLab color **82.8684, 4.7830, 29.5847** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74.3632, -5.6989, -29.7085**, and the grayscale version is **82.8899, -4.4228, 4.5036**.

A 20% lighter version of the original color is **98.6580, -12.7380, 24.7073**, and **59.9342, 5.1040, 24.8410** is the 20% darker color. If you saturate the color by 10%, you get **78.9948, 8.4138, 33.6243**, and if you desaturate by 10%, it is **86.9210, 1.6106, 24.6776**.

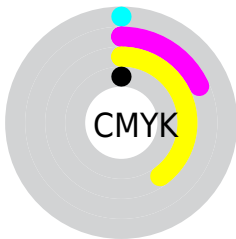
Distribution



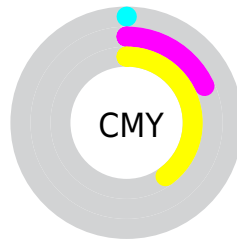
- Red (100%)
- Green (82%)
- Blue (60%)



- Red (94%)
- 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 82.8684, 4.7830, 29.5847 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 82.8684, 4.7830, 29.5847 by changing the saturation by 10% instead.

 82.8684, 4.7830,
29.5847


 82.8684, 4.7830,
29.5847

213.5143, 1.0916,
49.3560

 71.0261, 4.9711,
27.1677

 108.3131, 4.2454,
34.2273

 59.8070, 5.1058,
24.6634


 121.8607, 3.9096,
36.4741

 49.2500, 5.1777,
22.0503

135.9303, 3.5321,
38.6832

 39.3997, 5.1790,
19.2975

150.5033, 3.1153,
40.8612

 30.3109, 5.0990,
16.3629

165.5628, 2.6610,
43.0133

 22.0538, 4.9233,
13.2048

181.0935, 2.1713,

 14.7224, 4.6301,

45.1442

10.3057

197.0816, 1.6477,
47.2573

■ 8.3797, 4.4799,
5.8658

0.0000, NaN, NaN

■ 82.8684, 4.7830,
29.5847

■ 82.8684, 4.7830,
29.5847

■ 78.9948, 8.4138,
33.6243

■ 86.9210, 1.6106,
24.6776

■ 75.3076, 12.5258,
36.7264

■ 91.1339, -1.1145,
18.9704

■ 71.8222, 17.1161,
38.8359

■ 95.4974, -3.4208,
12.5335

■ 68.5515, 22.1668,
39.9202

100.0000, -5.3358,
5.4332

■ 65.5063, 27.6327,
39.9901

■ 62.6882, 33.4045,
39.2129

■ 62.6880, 33.4050,
39.2129

Harmonies

Analogous

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



82.8703, 20.7854, 23.7315



82.8684, 4.7830, 29.5847



82.8703, -12.4963, 29.7164

Triad

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



82.8703, 4.7797, 29.5857



82.8703, -34.2972, -3.7058



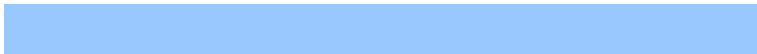
82.8703, 20.1469, -21.5215

Complementary

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



82.8684, 4.7830, 29.5847



74.3632, -5.6989, -29.7085

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.



82.8703, 3.9650, -32.4435



82.8684, 4.7830, 29.5847



82.8703, -26.9431, -20.8139

Square

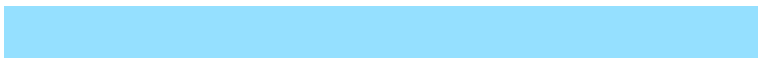
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.8703, 4.7797, 29.5857



82.8703, -34.1183, 12.6340



82.8703, -13.2470, -32.1607



82.8703, 30.1422, -4.5281

Rectangle

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



82.8684, 4.7830, 29.5847



82.8703, -22.3761, 26.6498



82.8703, -13.2470, -32.1607



82.8703, 15.1948, -26.1664

Sweetspot

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



82.8703, 4.7797, 29.5857



94.6129, -2.9916, 13.8766



69.4560, 40.6873, -3.4498



43.5065, -1.2504, 6.8189

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



82.8703, 4.7797, 29.5857



79.7550, 7.6493, 32.8898



97.1807, -20.3496, 41.1389



44.2831, -1.6306, 5.6430



45.6468, 23.4032, 28.5371



14.9915, 5.6874, 9.3372

Inverse Universe

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



74.3632, -5.6989, -29.7085



69.6895, -4.5030, -37.6262



60.9189, 20.0603, -54.1888



43.3092, -2.8705, -1.0853



32.8189, 12.8956, -68.8588



11.2444, 2.0201, -18.4155

Previews

White Background



This preview shows how the HunterLab color 82.8684, 4.7830, 29.5847 looks on a white background.

Color Contrast Check

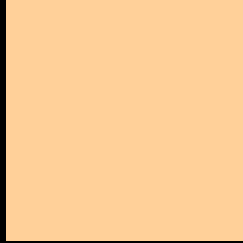
Large Text (above 18pt) WCAG AA × Fail

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 82.8684, 4.7830, 29.5847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

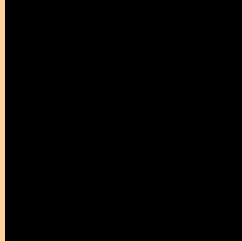
Any Text WCAG AA ✓ Pass

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 82.8684, 4.7830, 29.5847 Background



This preview shows how black text looks on a background with the HunterLab color 82.8684, 4.7830, 29.5847.



This preview shows how white text looks on a background with the HunterLab color 82.8684, 4.7830,

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

82.8684, 4.7830, 29.5847

Protanopia

82.9673, -7.1537, 28.5223

Deuteranopia

82.9701, 5.3287, 28.1035



Tritanopia

82.7087, 16.3163, 5.1639

Trichromacy



Original Color

82.8684, 4.7830, 29.5847

Protanomaly

82.8588, -2.8509, 28.8177

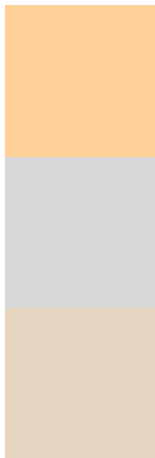
Deuteranomaly

82.9289, 5.1079, 28.7029

Tritanomaly

82.6145, 11.7410, 15.3225

Monochromacy



Original Color

82.8684, 4.7830, 29.5847

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

82.6207, -1.8802, 14.6723

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 82.8684, 4.7830, 29.5847 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, 208, 153)` looks like.

```
.text, #text, p{  
  color:rgb(255, 208, 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, 208, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 82.8684, 4.7830, 29.5847 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, 208, 153) }
```


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

```
.border{ border-color:rgb(255, 208, 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, 208, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 82.8684, 4.7830, 29.5847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 153) }
```

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

```
.background{ background-color: rgb(255,  
208, 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