

# Converting Colors

HunterLab(86.7277, 18.3802,  
30.8703)

Have a look what the booklet for  
HunterLab(86.7277, 18.3802,  
30.8703) contains.

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# Color

**HunterLab(83.0331, 5.6663,  
27.1872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD0A1
RGB	255, 208, 161
RGB Percent	100%, 82%, 63%
CMY	0.0000, 0.1843, 0.3686
CMYK	0.00, 0.18, 0.37, 0.00
HSL	30°, 100%, 82%
HSV	30°, 37%, 100%
XYZ	70.2289, 68.9450, 43.3245
YIQ	216.6950, 43.0990, -4.6530

# Conversions

## Conversions Part 2

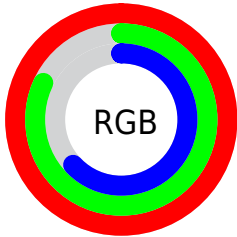
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 255, 161</a>
Decimal	<a href="#">16765089</a>
CIELab	<a href="#">86.48, 10.31, 29.58</a>
CIELCh	<a href="#">86, 31.328, 70.783</a>
Yxy	<a href="#">68.9482, 0.3848, 0.3778</a>
Android (android.graphics.Color)	<a href="#">4294955169</a> ( <a href="#">0xFFFFD0A1</a> )
YUV	<a href="#">216.6950, -27.4576, 33.5935</a>
Hunter-Lab	<a href="#">83.0331, 5.6663, 27.1872</a>

# Details

The HunterLab color **83.0331, 5.6663, 27.1872** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **77.3995, -7.9082, -24.9172**, and the grayscale version is **83.2704, -4.4431, 4.5242**.

A 20% lighter version of the original color is **98.8625, -11.6038, 21.7541**, and **60.0713, 5.8353, 22.8380** is the 20% darker color. If you saturate the color by 10%, you get **78.8476, 9.6694, 31.3790**, and if you desaturate by 10%, it is **87.4129, 2.1161, 22.2015**.

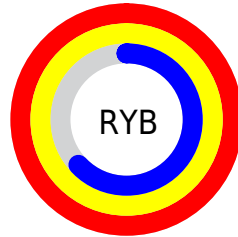
# Distribution



Red (100%)

Green (82%)

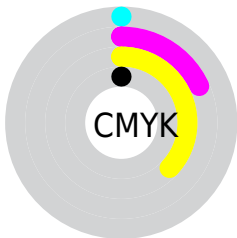
Blue (63%)



Red (100%)

Yellow (100%)

Blue (63%)

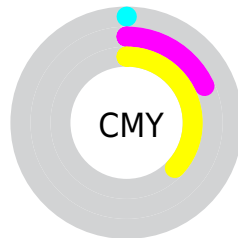


Cyan (0%)

Magenta (18%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.0331, 5.6663, 27.1872 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 83.0331, 5.6663, 27.1872 by changing the saturation by 10% instead.



 83.0331, 5.6663,  
27.1872


 83.0331, 5.6663,  
27.1872

213.7401, 2.2739,  
45.3430

 71.1825, 5.8149,  
25.0001


 108.4931, 5.2032,  
31.4098

 59.9547, 5.9080,  
22.7420


 122.0480, 4.9026,  
33.4630

 49.3885, 5.9361,  
20.3944

136.1246, 4.5591,  
35.4876

 39.5283, 5.8910,  
17.9301

150.7042, 4.1751,  
37.4891

 30.4287, 5.7617,  
15.3109

165.7702, 3.7527,  
39.4720

 22.1598, 5.5328,  
12.4820

181.3072, 3.2940,

 14.8151, 5.1821,

41.4399

10.3706

197.3014, 2.8006,  
43.3961

■ 8.4688, 4.9242,  
5.9281

0.0000, NaN, NaN

■ 83.0331, 5.6663,  
27.1872

■ 83.0331, 5.6663,  
27.1872

■ 78.8476, 9.6694,  
31.3790

■ 87.4129, 2.1161,  
22.2015

■ 74.8671, 14.1511,  
34.6975

■ 91.9657, -0.9956,  
16.4941

■ 71.1111, 19.1112,  
37.0734

■ 96.6792, -3.7001,  
10.1371

■ 67.5973, 24.5330,  
38.4532

100.0000, -5.3358,  
5.4332

■ 64.3422, 30.3706,  
38.8190

■ 61.3587, 36.5351,  
38.2265

■ 60.4749, 38.4924,  
37.9382

# Harmonies

## Analogous

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



83.0350, 19.5019, 21.0710



83.0331, 5.6663, 27.1872



83.0350, -9.9687, 27.9346

# Triad

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



83.0350, 5.6631, 27.1883



83.0350, -31.8762, -0.9937



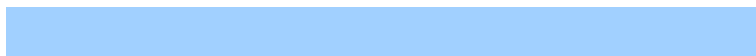
83.0350, 16.0651, -20.0988

# Complementary

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



83.0331, 5.6663, 27.1872



77.3995, -7.9082, -24.9172

# 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.



83.0350, 1.2476, -28.6524



83.0331, 5.6663, 27.1872



83.0350, -25.9342, -16.3455

# Square

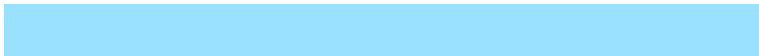
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.0350, 5.6631, 27.1883



83.0350, -30.8858, 13.3680



83.0350, -14.0725, -27.1646



83.0350, 25.8069, -5.4238



# Rectangle

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



83.0331, 5.6663, 27.1872



83.0350, -19.2253, 25.4743



83.0350, -14.0725, -27.1646



83.0350, 11.4690, -23.8976

# Sweetspot

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



83.0350, 5.6631, 27.1883



94.7101, -2.6284, 12.8421



71.6272, 37.5603, -4.6027



43.5214, -1.0469, 6.3410

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.0350, 5.6631, 27.1883



80.0256, 8.4748, 30.2654



97.6490, -18.3719, 39.3758



44.1451, -1.3987, 5.4945



44.0549, 27.0284, 27.6196

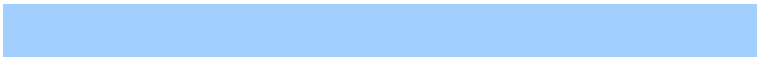


14.5194, 6.6951, 9.0640

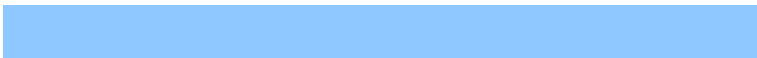


# Inverse Universe

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



77.3995, -7.9082, -24.9172



73.3755, -7.4001, -31.3623



63.4726, 16.8616, -48.9668



43.4491, -3.1008, -0.9139



34.7391, 8.9808, -62.8079



11.8044, 0.9868, -16.8847



# Previews

## White Background



This preview shows how the HunterLab color 83.0331, 5.6663, 27.1872 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

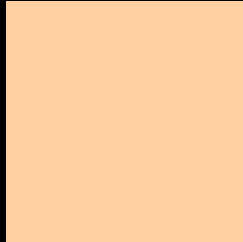
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.0331, 5.6663, 27.1872 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

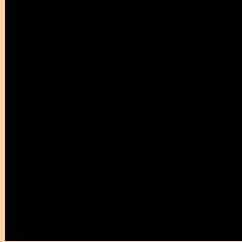
Any Text WCAG AA ✓ Pass

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 83.0331, 5.6663, 27.1872 Background



This preview shows how black text looks on a background with the HunterLab color 83.0331, 5.6663, 27.1872.



This preview shows how white text looks on a background with the HunterLab color 83.0331, 5.6663,



# 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

83.0331, 5.6663, 27.1872

### Protanopia

83.0567, -6.4590, 25.6549

### Deuteranopia

83.0759, 5.8956, 26.5648



## Tritanopia

83.0239, 15.9366, 5.0439

# Trichromacy



## Original Color

83.0331, 5.6663, 27.1872

## Protanomaly

82.9422, -2.1842, 25.9640

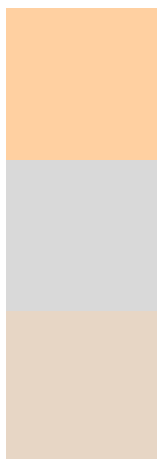
## Deuteranomaly

83.0544, 5.7805, 26.8772

## Tritanomaly

83.0109, 11.7797, 14.0561

# Monochromacy



## Original Color

83.0331, 5.6663, 27.1872

## Achromatopsia

83.2990, -4.4446, 4.5258

## Achromatomaly

83.1344, -1.4568, 13.5288

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.0331, 5.6663, 27.1872 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 161) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.0331, 5.6663, 27.1872 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, 161) }
```



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

```
.border{ border-color:rgb(255, 208, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
161) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.0331, 5.6663, 27.1872 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
208, 161) }
```

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](#).

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