

# Converting Colors

HunterLab(80.3313, 8.8037,  
23.3807)

Have a look what the booklet for  
HunterLab(80.3313, 8.8037,  
23.3807) contains.

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# Color

**HunterLab(80.3333, 8.8001,  
23.3825)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FBC8A5
RGB	251, 200, 165
RGB Percent	98%, 78%, 65%
CMY	0.0157, 0.2157, 0.3529
CMYK	0.00, 0.20, 0.34, 0.02
HSL	24°, 91%, 82%
HSV	24°, 34%, 98%
XYZ	67.2295, 64.5344, 44.5103
YIQ	211.2590, 41.6310, -0.0730

# Conversions

## Conversions Part 2

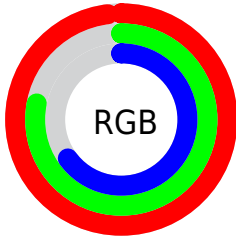
Format	Color
R <sub>Y</sub> B	251, 224, 165
Decimal	16500901
CIE Lab	84.24, 13.41, 24.40
CIE LCh	84, 27.844, 61.209
Yxy	64.5374, 0.3814, 0.3661
Android (android.graphics.Color)	4294690981 (0xFFFB8A5)
YUV	211.2590, -22.8057, 34.8529
Hunter-Lab	80.3333, 8.8001, 23.3825

# Details

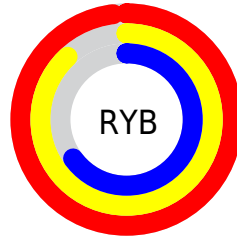
The HunterLab color **80.3333, 8.8001, 23.3825** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80.0462, -11.8921, -18.4853**, and the grayscale version is **80.9051, -4.3169, 4.3957**.

A 20% lighter version of the original color is **98.9683, -11.0173, 20.2271**, and **57.5217, 8.7296, 19.4944** is the 20% darker color. If you saturate the color by 10%, you get **75.5971, 13.8275, 27.3955**, and if you desaturate by 10%, it is **85.3089, 4.2105, 18.7429**.

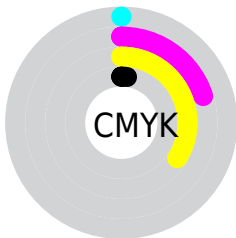
# Distribution



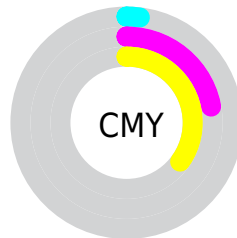
- Red (98%)
- Green (78%)
- Blue (65%)



- Red (98%)
- Yellow (88%)
- Blue (65%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (2%)




- Cyan (2%)
- Magenta (22%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3333, 8.8001, 23.3825 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 80.3333, 8.8001, 23.3825 by changing the saturation by 10% instead.



 80.3333, 8.8001,  
23.3825

 80.3333, 8.8001,  
23.3825


210.0304, 6.5512,  
39.4978

 68.6193, 8.7951,  
21.4791

 105.5389, 8.6240,  
27.0820

 57.5358, 8.7265,  
19.5224

 118.9744, 8.4583,  
28.8920

 47.1231, 8.5832,  
17.4968


132.9362, 8.2448,  
30.6838

 37.4276, 8.3552,  
15.3788

147.4050, 7.9864,  
32.4619

 28.5069, 8.0292,  
13.1338

162.3637, 7.6857,  
34.2296

 20.4351, 7.5866,  
10.7095

177.7967, 7.3450,

 13.3134, 7.0008,

35.9900

9.2700

193.6900, 6.9662,  
37.7454

■ 6.8551, 8.1580,  
4.7986

0.0000, NaN, NaN

■ 80.3333, 8.8001,  
23.3825

■ 80.3333, 8.8001,  
23.3825

■ 75.5971, 13.8275,  
27.3955

■ 85.3089, 4.2105,  
18.7429

■ 71.1210, 19.3165,  
30.6909

■ 90.4949, 0.0425,  
13.5530

■ 66.9357, 25.2590,  
33.1785

■ 95.8726, -3.7386,  
7.8836

■ 63.0722, 31.6197,  
34.7739

■ 99.6239, -6.6464,  
4.9668

■ 59.5618, 38.3191,  
35.4182

■ 56.4331, 45.2177,  
35.1138

■ 54.8132, 49.1597,  
34.6362

# Harmonies

## Analogous

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



80.3352, 19.5094, 16.3063



80.3333, 8.8001, 23.3825



80.3352, -4.8459, 25.6124

# Triad

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



80.3352, 8.7970, 23.3836



80.3352, -28.9726, 3.8423



80.3352, 9.8228, -20.1538

# Complementary

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



80.3333, 8.8001, 23.3825



80.0462, -11.8921, -18.4853

# 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.



80.3352, -3.7342, -24.9388



80.3333, 8.8001, 23.3825



80.3352, -25.6070, -9.7288

# Square

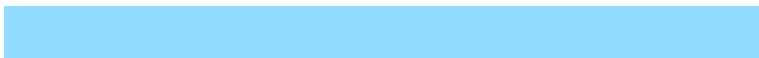
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.3352, 8.7970, 23.3836



80.3352, -26.1025, 15.5320



80.3352, -16.5909, -20.8404



80.3352, 20.1290, -8.6595



# Rectangle

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



80.3333, 8.8001, 23.3825



80.3352, -13.6023, 24.4060



80.3352, -16.5909, -20.8404



80.3352, 5.4652, -22.6790

# Sweetspot

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



80.3352, 8.7970, 23.3836



94.4428, -1.6406, 11.3992



72.3941, 35.3334, -8.3128



43.3390, -0.5050, 5.6453

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

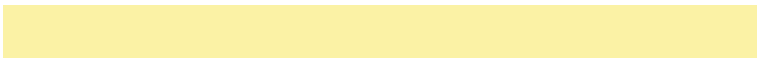
The Same Dimension uses a secret algorithm to generate beautiful new colors.



80.3352, 8.7970, 23.3836



78.4978, 12.3742, 26.6491



93.2570, -13.0476, 34.6039



42.8780, -0.8328, 5.0259



40.0767, 34.7670, 25.3038

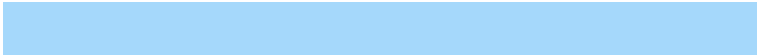


12.9997, 8.5923, 8.1608

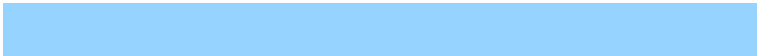


# Inverse Universe

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



80.0462, -11.8921, -18.4853



78.1384, -12.5497, -23.8578



67.1438, 10.0763, -39.0413



42.8419, -3.5652, -0.4912



39.0200, 0.0365, -48.8503



12.7217, -1.3934, -12.8930



# Previews

## White Background



This preview shows how the HunterLab color 80.3333, 8.8001, 23.3825 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

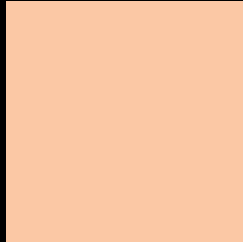
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.3333, 8.8001, 23.3825 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

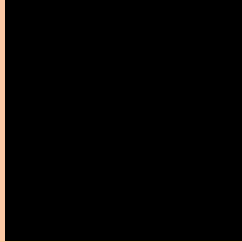
Any Text WCAG AA ✓ Pass

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 80.3333, 8.8001, 23.3825 Background



This preview shows how black text looks on a background with the HunterLab color 80.3333, 8.8001, 23.3825.



This preview shows how white text looks on a background with the HunterLab color 80.3333, 8.8001,

23.3825.

# 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

80.3333, 8.8001, 23.3825

### Protanopia

80.4260, -5.9512, 21.4181

### Deuteranopia

80.3433, 5.8504, 23.3403



## Tritanopia

80.2789, 19.6936, 5.2617

# Trichromacy



**Original Color**

80.3333, 8.8001, 23.3825

**Protanomaly**

80.1832, -0.6440, 22.0044

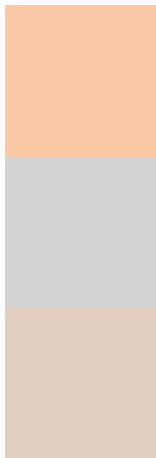
**Deuteranomaly**

80.2785, 7.1305, 23.3015

**Tritanomaly**

80.2502, 15.7935, 12.4516

# Monochromacy



**Original Color**

80.3333, 8.8001, 23.3825

**Achromatopsia**

80.7097, -4.3065, 4.3851

**Achromatomaly**

80.4297, -0.0146, 11.9361

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.3333, 8.8001, 23.3825 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(251, 200, 165)` looks like.

```
.text, #text, p{  
    color:rgb(251, 200, 165)  
}
```

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(251, 200, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 200, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.3333, 8.8001, 23.3825 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(251, 200, 165) }
```



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

```
.border{ border-color:rgb(251, 200, 165) }
```

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

Here you see how a box with a 4 pixel rgb(251, 200, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 200, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 200, 165);  
box-shadow:4px 4px 4px 4px rgb(251, 200,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.3333, 8.8001, 23.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 200, 165) }
```

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

```
.background{ background-color: rgb(251,  
200, 165) }
```

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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