

# Converting Colors

HunterLab(80.4393, 8.0699,  
29.8583)

Have a look what the booklet for  
HunterLab(80.4393, 8.0699,  
29.8583) contains.

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# Color

**HunterLab(80.3821, 8.1256,  
29.9144)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFC891
RGB	255, 200, 145
RGB Percent	100%, 78%, 57%
CMY	0.0000, 0.2157, 0.4314
CMYK	0.00, 0.22, 0.43, 0.00
HSL	30°, 100%, 78%
HSV	30°, 43%, 100%
XYZ	67.0050, 64.6128, 35.7280
YIQ	210.1750, 50.4350, -5.4450

# Conversions

## Conversions Part 2

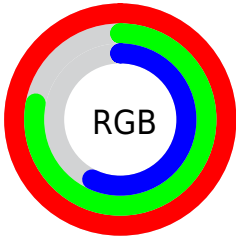
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 255, 145</a>
Decimal	<a href="#">16763025</a>
CIELab	<a href="#">84.29, 12.74, 34.96</a>
CIELCh	<a href="#">84, 37.206, 69.978</a>
Yxy	<a href="#">64.6159, 0.4004, 0.3861</a>
Android (android.graphics.Color)	<a href="#">4294953105 (0xFFFFC891)</a>
YUV	<a href="#">210.1750, -32.1313, 39.3115</a>
Hunter-Lab	<a href="#">80.3821, 8.1256, 29.9144</a>

# Details

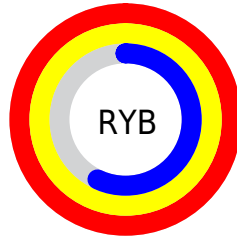
The HunterLab color **80.3821, 8.1256, 29.9144** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.8553, -7.4830, -30.5711**, and the grayscale version is **80.4747, -4.2939, 4.3723**.

A 20% lighter version of the original color is **98.4396, -13.9527, 27.8699**, and **57.5341, 8.1025, 24.6812** is the 20% darker color. If you saturate the color by 10%, you get **76.3244, 12.4257, 33.5676**, and if you desaturate by 10%, it is **84.6444, 4.2894, 25.4192**.

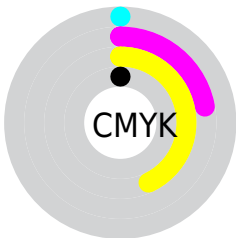
# Distribution



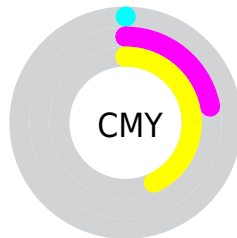
- Red (100%)
- Green (78%)
- Blue (57%)



- Red (100%)
- Yellow (100%)
- Blue (57%)



- Cyan (0%)
- Magenta (22%)
- Yellow (43%)
- Black (0%)




- Cyan (0%)
- Magenta (22%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3821, 8.1256, 29.9144 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 80.3821, 8.1256, 29.9144 by changing the saturation by 10% instead.




 80.3821, 8.1256,  
29.9144


 80.3821, 8.1256,  
29.9144


210.0977, 5.6458,  
50.3359

 68.6656, 8.1510,  
27.3972


 105.5924, 7.8918,  
34.7341

 57.5795, 8.1144,  
24.7826


 119.0301, 7.6990,  
37.0604

 47.1640, 8.0049,  
22.0466


132.9939, 7.4593,  
39.3441

 37.4655, 7.8127,  
19.1553

147.4648, 7.1755,  
41.5924

 28.5415, 7.5248,  
16.0625

162.4254, 6.8502,  
43.8112

 20.4661, 7.1229,  
12.9258

177.8604, 6.4856,

 13.3402, 6.5808,

46.0054

9.3382

193.7554, 6.0835,  
48.1792

■ 6.8878, 7.6909,  
4.8215

0.0000, NaN, NaN

■ 80.3821, 8.1256,  
29.9144

■ 80.3821, 8.1256,  
29.9144

■ 76.3244, 12.4257,  
33.5676

■ 84.6444, 4.2894,  
25.4192

■ 72.4827, 17.2084,  
36.3021

■ 89.0892, 0.9076,  
20.1554

■ 68.8766, 22.4618,  
38.0575

■ 93.7034, -2.0491,  
14.1980

■ 65.5233, 28.1523,  
38.7997

■ 98.4736, -4.6095,  
7.6161

■ 62.4376, 34.2094,  
38.5493

100.0000, -5.3359,  
5.4331

■ 60.4744, 38.4932,  
37.9379

# Harmonies

## Analogous

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



80.3840, 24.5104, 23.0600



80.3821, 8.1256, 29.9144



80.3840, -10.3046, 30.8699

# Triad

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



80.3840, 8.1223, 29.9154



80.3840, -36.1187, -1.6480



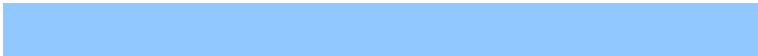
80.3840, 19.6062, -25.7598

# Complementary

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



80.3821, 8.1256, 29.9144



73.8553, -7.4830, -30.5711

# 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.



80.3840, 1.8998, -36.1025



80.3821, 8.1256, 29.9144



80.3840, -29.5376, -20.2601

# Square

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



80.3840, 8.1223, 29.9154



80.3840, -34.7764, 15.0207



80.3840, -15.9985, -33.8909



80.3840, 31.5410, -7.9596



# Rectangle

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



80.3821, 8.1256, 29.9144



80.3840, -21.1433, 28.3203



80.3840, -15.9985, -33.8909



80.3840, 14.0700, -30.3865

# Sweetspot

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



80.3840, 8.1223, 29.9154



93.7677, -2.0866, 14.1123



67.5881, 44.9107, -5.5015



42.9034, -0.6802, 7.1641

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



80.3840, 8.1223, 29.9154



76.7752, 11.9126, 33.1975



97.3776, -19.8962, 43.3445



44.1451, -1.3987, 5.4945



44.0546, 27.0290, 27.6194

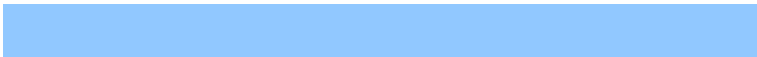


14.5193, 6.6953, 9.0640



# Inverse Universe

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



73.8553, -7.4830, -30.5711



69.0291, -6.3389, -38.8355



57.8716, 21.6477, -60.8869



43.4491, -3.1008, -0.9139



34.7394, 8.9802, -62.8069



11.8044, 0.9867, -16.8844



# Previews

## White Background



This preview shows how the HunterLab color 80.3821, 8.1256, 29.9144 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 80.3821, 8.1256, 29.9144 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 80.3821, 8.1256, 29.9144 Background



This preview shows how black text looks on a background with the HunterLab color 80.3821, 8.1256, 29.9144.



This preview shows how white text looks on a background with the HunterLab color 80.3821, 8.1256,



# 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

80.3821, 8.1256, 29.9144

### Protanopia

80.3704, -7.0571, 28.4245

### Deuteranopia

80.2040, 6.0438, 29.7243



## Tritanopia

80.4955, 18.8331, 6.4502

# Trichromacy



**Original Color**

80.3821, 8.1256, 29.9144

**Protanomaly**

80.1781, -1.5208, 28.6608

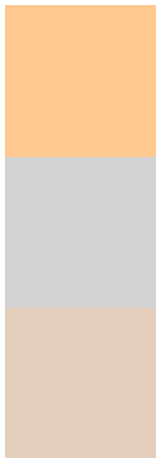
**Deuteranomaly**

80.3200, 6.4321, 29.8312

**Tritanomaly**

80.4072, 14.3686, 16.3602

# Monochromacy



**Original Color**

80.3821, 8.1256, 29.9144

**Achromatopsia**

80.2795, -4.2835, 4.3617

**Achromatomaly**

79.9103, -0.6839, 14.7612

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.3821, 8.1256, 29.9144 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, 200, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 145)  
}
```

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, 200, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 145) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.3821, 8.1256, 29.9144 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, 200, 145) }
```



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

```
.border{ border-color:rgb(255, 200, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
145) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.3821, 8.1256, 29.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 145) }
```

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

```
.background{ background-color: rgb(255,  
200, 145) }
```

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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