

# Converting Colors

HunterLab(77.0015, 13.7293,  
28.5378)

Have a look what the booklet for  
HunterLab(77.0015, 13.7293,  
28.5378) contains.

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# Color

**HunterLab(76.8895, 13.9202,  
28.4907)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBC8C
RGB	255, 188, 140
RGB Percent	100%, 74%, 55%
CMY	0.0000, 0.2627, 0.4510
CMYK	0.00, 0.26, 0.45, 0.00
HSL	25°, 100%, 77%
HSV	25°, 45%, 100%
XYZ	63.9569, 59.1200, 32.8514
YIQ	202.5610, 55.3400, -0.7240

# Conversions

## Conversions Part 2

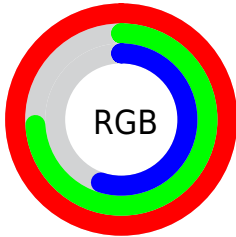
Format	Color
R <sub>Y</sub> B	255, 222, 140
Decimal	16759948
CIE Lab	81.36, 18.50, 33.72
CIE LCh	81, 38.459, 61.249
Yxy	59.1228, 0.4102, 0.3792
Android (android.graphics.Color)	4294950028 (0xFFFFBC8C)
YUV	202.5610, -30.8426, 45.9890
Hunter-Lab	76.8895, 13.9202, 28.4907

# Details

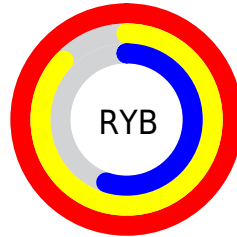
The HunterLab color **76.8895, 13.9202, 28.4907** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75.7752, -12.0512, -27.5439**, and the grayscale version is **77.2037, -4.1194, 4.1946**.

A 20% lighter version of the original color is **94.7926, -8.9751, 26.3303**, and **54.5756, 13.1846, 23.5924** is the 20% darker color. If you saturate the color by 10%, you get **72.4097, 19.4129, 31.8002**, and if you desaturate by 10%, it is **81.6343, 8.8900, 24.4301**.

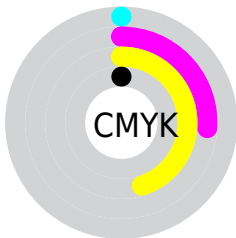
# Distribution



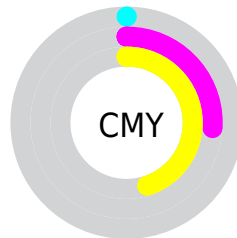
- Red (100%)
- Green (74%)
- Blue (55%)



- Red (100%)
- Yellow (87%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.8895, 13.9202, 28.4907 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 76.8895, 13.9202, 28.4907 by changing the saturation by 10% instead.





 76.8895, 13.9202,  
28.4907


 76.8895, 13.9202,  
28.4907


205.2698, 13.5212,  
48.4884


 65.3544, 13.6673,  
26.0224


 101.7625, 14.2071,  
33.2121

 54.4603, 13.3384,  
23.4555


 115.0424, 14.2596,  
35.4896

 44.2494, 12.9202,  
20.7648


 128.8543, 14.2564,  
37.7252

 34.7709, 12.4003,  
17.9140

143.1786, 14.2014,  
39.9262

 26.0866, 11.7624,  
14.8533

157.9976, 14.0977,  
42.0985

 18.2771, 10.9853,  
12.0891


173.2953, 13.9482,

 11.4542, 10.0432,


44.2470


8.0179


189.0571, 13.7553,  
46.3758


 3.8789, 20.5746,  
2.7152


0.0000, NaN, NaN


 76.8895, 13.9202,  
28.4907


 76.8895, 13.9202,  
28.4907


 72.4097, 19.4129,  
31.8002


 81.6343, 8.8900,  
24.4301


 68.2174, 25.3733,  
34.2647

 86.6129, 4.3181,  
19.7042

 64.3445, 31.7632,  
35.8035

 91.8041, 0.1755,  
14.3953

 60.8207, 38.5037,  
36.3637

 97.1876, -3.5692,  
8.5757

■ 57.6729, 45.4565, 100.0000, -5.3358,  
35.9592 5.4332

■ 56.2676, 48.8556,  
35.5272

# Harmonies

## Analogous

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



76.8914, 29.0213, 19.8644



76.8895, 13.9202, 28.4907



76.8914, -4.8870, 31.0792

# Triad

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



76.8914, 13.9168, 28.4917



76.8914, -36.7796, 3.4380



76.8914, 15.3977, -31.0699

# Complementary

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



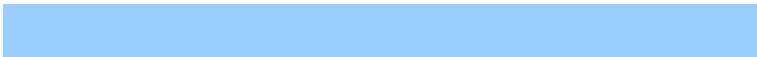
76.8895, 13.9202, 28.4907



75.7752, -12.0512, -27.5439

# 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.



76.8914, -3.3235, -38.3352



76.8895, 13.9202, 28.4907



76.8914, -32.4301, -15.7009

# Square

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



76.8914, 13.9168, 28.4917



76.8914, -33.0927, 18.8545



76.8914, -20.6095, -32.1379



76.8914, 29.9320, -14.1009



# Rectangle

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



76.8895, 13.9202, 28.4907



76.8914, -16.6786, 29.6776



76.8914, -20.6095, -32.1379



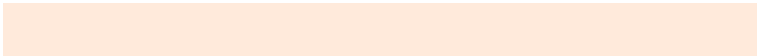
76.8914, 9.3284, -34.8874

# Sweetspot

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



76.8914, 13.9168, 28.4917



92.3858, -0.2542, 13.7805



66.7277, 48.7884, -10.5281



42.2138, 0.2755, 6.9321

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.8914, 13.9168, 28.4917



72.8879, 18.7869, 31.4768



94.1864, -15.5764, 42.1456



43.8554, -0.9094, 5.1813



41.0147, 34.4390, 25.8760

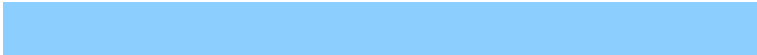


13.5934, 8.7933, 8.5301

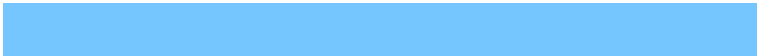


# Inverse Universe

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



75.7752, -12.0512, -27.5439



71.5479, -11.6675, -34.5158



58.7164, 17.9534, -59.0368



43.7447, -3.5851, -0.5535



39.0284, 1.0419, -51.0312



13.0349, -1.1171, -13.8810



# Previews

## White Background



This preview shows how the HunterLab color 76.8895, 13.9202, 28.4907 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 76.8895, 13.9202, 28.4907 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

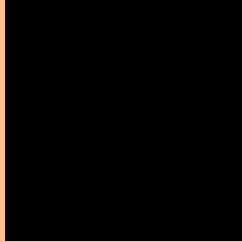
Any Text WCAG AA ✓ Pass

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 76.8895, 13.9202, 28.4907 Background



This preview shows how black text looks on a background with the HunterLab color 76.8895, 13.9202, 28.4907.



This preview shows how white text looks on a background with the HunterLab color 76.8895, 13.9202,



# 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

76.8895, 13.9202, 28.4907

### Protanopia

76.9557, -6.5835, 26.3530

### Deuteranopia

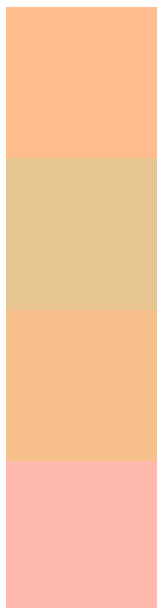
77.0227, 5.5812, 28.7561



## Tritanopia

76.8551, 23.4924, 7.9392

# Trichromacy



## Original Color

76.8895, 13.9202, 28.4907

## Protanomaly

76.7692, 0.4088, 26.9340

## Deuteranomaly

77.0308, 8.5590, 28.8153

## Tritanomaly

76.8460, 19.5853, 16.4032

# Monochromacy



## Original Color

76.8895, 13.9202, 28.4907

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

76.9500, 1.1703, 14.1665

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.8895, 13.9202, 28.4907 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, 188, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 140)  
}
```

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, 188, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 140) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.8895, 13.9202, 28.4907 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, 188, 140) }
```



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

```
.border{ border-color:rgb(255, 188, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
140) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.8895, 13.9202, 28.4907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 140) }
```

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

```
.background{ background-color: rgb(255,  
188, 140) }
```

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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