

# Converting Colors

HunterLab(70.8544, 28.3825,  
17.9860)

Have a look what the booklet for  
HunterLab(70.8544, 28.3825,  
17.9860) contains.

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# Color

**HunterLab(70.8599, 28.4389,  
17.8444)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FFA49C
RGB	255, 164, 156
RGB Percent	100%, 64%, 61%
CMY	0.0000, 0.3568, 0.3882
CMYK	0.00, 0.36, 0.39, 0.00
HSL	5°, 100%, 81%
HSV	5°, 39%, 100%
XYZ	60.5162, 50.2113, 37.9547
YIQ	190.2970, 56.8040, 16.8040

# Conversions

## Conversions Part 2

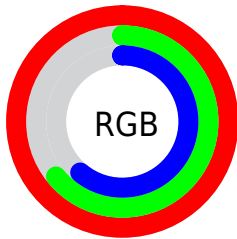
Format	Color
<a href="#">RYB</a>	<a href="#">255, 165, 156</a>
Decimal	<a href="#">16753820</a>
CIELab	<a href="#">76.20, 32.73, 18.21</a>
CIELCh	<a href="#">76, 37.457, 29.087</a>
Yxy	<a href="#">50.2137, 0.4070, 0.3377</a>
Android (android.graphics.Color)	<a href="#">4294943900</a> (0xFFFFA49C)
YUV	<a href="#">190.2970, -16.9084, 56.7445</a>
Hunter-Lab	<a href="#">70.8599, 28.4389, 17.8444</a>

# Details

The HunterLab color **70.8599, 28.4389, 17.8444** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89.8922, -28.2013, -7.5027**, and the grayscale version is **71.9368, -3.8384, 3.9085**.

A 20% lighter version of the original color is **87.8063, 5.8512, 13.0373**, and **49.1168, 26.7028, 14.6003** is the 20% darker color. If you saturate the color by 10%, you get **64.6592, 38.0308, 20.9809**, and if you desaturate by 10%, it is **77.6830, 19.1490, 14.6315**.

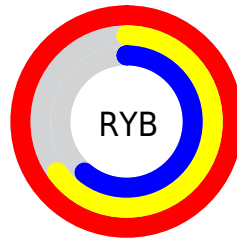
# Distribution



Red (100%)

Green (64%)

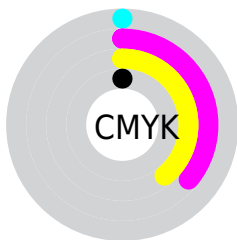
Blue (61%)



Red (100%)

Yellow (65%)

Blue (61%)

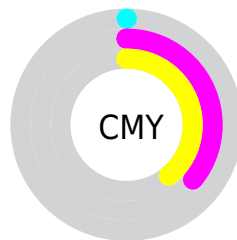


Cyan (0%)

Magenta (36%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (36%)


Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8599, 28.4389, 17.8444 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 70.8599, 28.4389, 17.8444 by changing the saturation by 10% instead.





 70.8599, 28.4389,  
17.8444


 70.8599, 28.4389,  
17.8444


196.8505, 33.0103,  
31.5578

 59.6517, 27.5341,  
16.2649


 95.1270, 29.9574,  
20.9386

 49.1045, 26.5268,  
14.6484


 108.1238, 30.5937,  
22.4645

 39.2646, 25.4023,  
12.9809


121.6638, 31.1554,  
23.9827

 30.1871, 24.1492,  
11.2400

135.7262, 31.6480,  
25.4969

 21.9425, 22.7589,  
9.3901

150.2921, 32.0759,  
27.0095

 14.6252, 21.2400,  
7.4821

165.3447, 32.4433,

 8.2850, 20.1998,


28.5228


5.7995

180.8688, 32.7538,  
30.0384


0.0000, INF, NaN


0.0000, NaN, NaN


 70.8599, 28.4389,  
17.8444

 70.8599, 28.4389,  
17.8444


 64.6592, 38.0308,  
20.9809


 77.6830, 19.1490,  
14.6315

 59.1887, 47.7104,  
23.9192

 85.0267, 10.2657,  
11.4089

 54.5736, 57.0635,  
26.4862


 92.8133, 1.8020,  
8.2146

 50.9300, 65.4768,  
28.4660

100.0000, -5.3358,  
5.4332

 48.3370, 72.2252,

29.6630

 46.7916, 76.6970,  
30.0663

 46.6717, 77.0496,  
30.1078

# Harmonies

## Analogous

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



70.8616, 33.5082, 3.3401



70.8599, 28.4389, 17.8444



70.8616, 14.5380, 26.3702

# Triad

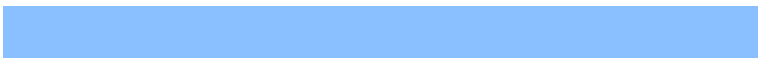
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8616, 28.4354, 17.8456



70.8616, -30.6548, 18.5400



70.8616, -4.3255, -36.6916

# Complementary

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



70.8599, 28.4389, 17.8444



89.8922, -28.2013, -7.5027

# 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.



70.8616, -20.4164, -29.8730



70.8599, 28.4389, 17.8444



70.8616, -34.6715, 4.3704

# Square

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



70.8616, 28.4354, 17.8456



70.8616, -19.5648, 26.6966



70.8616, -31.1115, -13.7327



70.8616, 13.5096, -30.6197



# Rectangle

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



70.8599, 28.4389, 17.8444



70.8616, 2.7662, 28.8297



70.8616, -31.1115, -13.7327



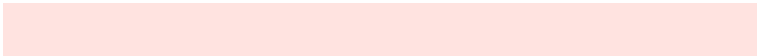
70.8616, -10.1061, -35.8082

# Sweetspot

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



70.8616, 28.4354, 17.8456



90.2957, 4.4464, 9.2251



71.9997, 47.8754, -28.1946



41.3013, 2.5657, 4.4607

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



70.8616, 28.4354, 17.8456



65.7388, 36.2665, 20.4198



84.1413, 2.9701, 29.7361



42.6883, 1.0945, 3.9006



33.8582, 55.2889, 21.8312



10.9249, 16.0766, 7.0133



# Inverse Universe

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



89.8922, -28.2013, -7.5027



88.2467, -31.4259, -9.7367



74.2221, -4.4441, -29.9168



44.9613, -5.5463, 0.9045



58.9397, -27.6900, -13.8948



18.5843, -8.8798, -4.0598



# Previews

## White Background



This preview shows how the HunterLab color 70.8599, 28.4389, 17.8444 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

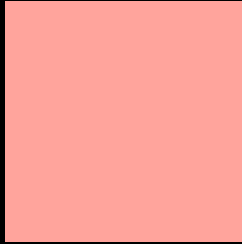
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.8599, 28.4389, 17.8444 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 70.8599, 28.4389, 17.8444 Background



This preview shows how black text looks on a background with the HunterLab color 70.8599, 28.4389, 17.8444.



This preview shows how white text looks on a background with the HunterLab color 70.8599, 28.4389,



# 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

70.8599, 28.4389, 17.8444

### Protanopia

71.0840, -4.3255, 12.8266

### Deuteranopia

70.9984, 5.1985, 18.6728






## Tritanopia

70.8214, 31.8257, 10.6727

# Trichromacy

	<b>Original Color</b> 70.8599, 28.4389, 17.8444
	<b>Protanomaly</b> 70.4785, 6.9343, 14.0036
	<b>Deuteranomaly</b> 70.8158, 13.2985, 18.2732
	<b>Tritanomaly</b> 70.8833, 30.3522, 13.6295

# Monochromacy

	<b>Original Color</b> 70.8599, 28.4389, 17.8444
	<b>Achromatopsia</b> 71.7578, -3.8288, 3.8987
	<b>Achromatomaly</b> 71.1043, 6.8393, 8.8128

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.8599, 28.4389, 17.8444 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, 164, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 156)  
}
```

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, 164, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 156) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.8599, 28.4389, 17.8444 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, 164, 156) }
```



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

```
.border{ border-color:rgb(255, 164, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 164, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
156) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.8599, 28.4389, 17.8444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 156) }
```

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

```
.background{ background-color: rgb(255,  
164, 156) }
```

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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