

# Converting Colors

HunterLab(77.3172, 20.0996,  
22.8736)

Have a look what the booklet for  
HunterLab(77.3172, 20.0996,  
22.8736) contains.

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# Color

**HunterLab(76.4599, 17.5842,  
21.9870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB99F
RGB	255, 185, 159
RGB Percent	100%, 73%, 62%
CMY	0.0000, 0.2745, 0.3765
CMYK	0.00, 0.27, 0.38, 0.00
HSL	16°, 100%, 81%
HSV	16°, 38%, 100%
XYZ	64.8470, 58.4612, 40.6672
YIQ	202.9660, 50.0660, 6.7540

# Conversions

## Conversions Part 2

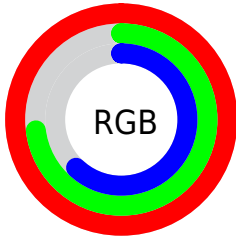
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 195, 159
Decimal	16759199
CIE Lab	81.00, 22.09, 23.20
CIE LCh	81, 32.034, 46.410
Yxy	58.4640, 0.3955, 0.3565
Android (android.graphics.Color)	4294949279 (0xFFFFB99F)
YUV	202.9660, -21.6752, 45.6338
Hunter-Lab	76.4599, 17.5842, 21.9870

# Details

The HunterLab color **76.4599, 17.5842, 21.9870** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84.0398, -18.8521, -15.2908**, and the grayscale version is **77.3404, -4.1267, 4.2021**.

A 20% lighter version of the original color is **94.3534, -4.6296, 18.0824**, and **54.1293, 16.3060, 18.4036** is the 20% darker color. If you saturate the color by 10%, you get **70.9864, 24.6865, 25.4876**, and if you desaturate by 10%, it is **82.3025, 10.9161, 18.0388**.

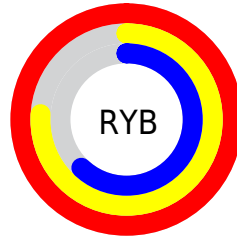
# Distribution



Red (100%)

Green (73%)

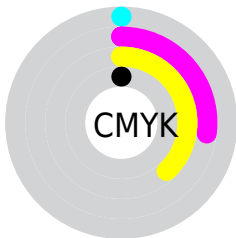
Blue (62%)



Red (100%)

Yellow (76%)

Blue (62%)

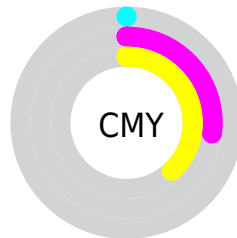


Cyan (0%)

Magenta (27%)

Yellow (38%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.4599, 17.5842, 21.9870 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 76.4599, 17.5842, 21.9870 by changing the saturation by 10% instead.





 76.4599, 17.5842,  
21.9870


 76.4599, 17.5842,  
21.9870


204.6735, 18.4040,  
37.6631

 64.9475, 17.1713,  
20.1375


 101.2908, 18.1732,  
25.5813

 54.0774, 16.6754,  
18.2352


 114.5509, 18.3688,  
27.3403

 43.8921, 16.0826,  
16.2636


128.3439, 18.5040,  
29.0823

 34.4414, 15.3799,  
14.1977

142.6499, 18.5832,  
30.8116

 25.7873, 14.5506,  
12.0002

157.4512, 18.6099,  
32.5317

 18.0113, 13.5752,  
9.6164


172.7318, 18.5871,

 11.2270, 12.4358,


34.2455


7.8589


188.4770, 18.5177,  
35.9553


 3.3207, 28.8058,  
2.3245


0.0000, NaN, NaN


 76.4599, 17.5842,  
21.9870


 76.4599, 17.5842,  
21.9870


 70.9864, 24.6865,  
25.4876


 82.3025, 10.9161,  
18.0388

 65.9293, 32.2034,  
28.4301

 88.4632, 4.6857,  
13.7267

 61.3498, 40.0433,  
30.6928

 94.9050, -1.1367,  
9.1204

 57.3109, 48.0338,  
32.1508

100.0000, -5.3358,  
5.4332

■ 53.8737, 55.8969,  
32.7102

■ 51.0862, 63.2398,  
32.3862

■ 50.5230, 64.8230,  
32.2669

# Harmonies

## Analogous

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



76.4617, 26.6734, 11.7495



76.4599, 17.5842, 21.9870



76.4617, 3.0496, 26.9183

# Triad

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



76.4617, 17.5809, 21.9881



76.4617, -30.9622, 10.5317



76.4617, 4.5235, -28.3536

# Complementary

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



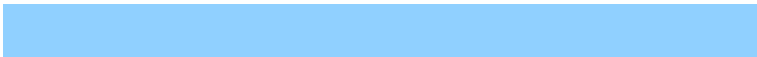
76.4599, 17.5842, 21.9870



84.0398, -18.8521, -15.2908

# 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.



76.4617, -10.9651, -28.8608



76.4599, 17.5842, 21.9870



76.4617, -30.6366, -4.2927

# Square

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



76.4617, 17.5809, 21.9881



76.4617, -24.5045, 21.2504



76.4617, -23.5764, -19.3647



76.4617, 18.7337, -18.0924



# Rectangle

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



76.4599, 17.5842, 21.9870



76.4617, -7.3843, 27.3247



76.4617, -23.5764, -19.3647



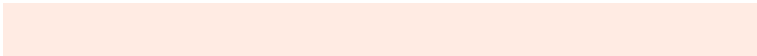
76.4617, -0.7265, -29.7319

# Sweetspot

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



76.4617, 17.5809, 21.9881



92.7156, 0.7725, 10.6944



71.9280, 42.4743, -16.2807



42.4887, 0.7202, 5.2384

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.4617, 17.5809, 21.9881



72.3970, 22.7640, 24.6109



90.4517, -7.2756, 34.1075



43.3446, -0.0390, 4.6246



36.8072, 46.0042, 23.4858



12.2103, 12.2957, 7.7392



# Inverse Universe

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



84.0398, -18.8521, -15.2908



81.2914, -20.3044, -19.2664



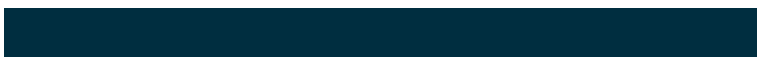
69.1391, 5.3933, -38.4329



44.2721, -4.4414, 0.0834



47.2928, -12.0753, -33.0448



15.3593, -4.6328, -9.1970



# Previews

## White Background



This preview shows how the HunterLab color 76.4599, 17.5842, 21.9870 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 76.4599, 17.5842, 21.9870 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 76.4599, 17.5842, 21.9870 Background



This preview shows how black text looks on a background with the HunterLab color 76.4599, 17.5842, 21.9870.



This preview shows how white text looks on a background with the HunterLab color 76.4599, 17.5842,

21.9870.

# 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

76.4599, 17.5842, 21.9870

### Protanopia

76.6221, -5.2556, 18.8327

### Deuteranopia

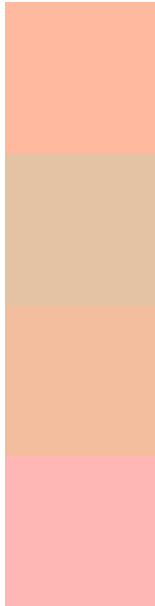
76.4245, 5.8063, 22.4475



## Tritanopia

76.5578, 23.8843, 8.0657

# Trichromacy



## Original Color

76.4599, 17.5842, 21.9870

## Protanomaly

76.2919, 2.6850, 19.7628

## Deuteranomaly

76.3873, 10.1441, 22.1395

## Tritanomaly

76.4612, 21.4709, 13.5924

# Monochromacy



## Original Color

76.4599, 17.5842, 21.9870

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

76.5489, 3.2306, 10.8117

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.4599, 17.5842, 21.9870 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, 185, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 159)  
}
```

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, 185, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 159) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.4599, 17.5842, 21.9870 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, 185, 159) }
```



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

```
.border{ border-color:rgb(255, 185, 159) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
159) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.4599, 17.5842, 21.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 159) }
```

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

```
.background{ background-color: rgb(255,  
185, 159) }
```

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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