

# Converting Colors

HunterLab(76.5392, 20.1064,  
16.2820)

Have a look what the booklet for  
HunterLab(76.5392, 20.1064,  
16.2820) contains.

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# Color

**HunterLab(76.5742, 20.1217,  
16.1341)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | FFB8AF                     |
| RGB         | 255, 184, 175              |
| RGB Percent | 100%, 72%, 69%             |
| CMY         | 0.0000, 0.2784, 0.3137     |
| CMYK        | 0.00, 0.28, 0.31, 0.00     |
| HSL         | 7°, 100%, 84%              |
| HSV         | 7°, 31%, 100%              |
| XYZ         | 66.1183, 58.6361, 48.3905  |
| YIQ         | 204.2030, 45.2050, 12.2530 |

# Conversions

## Conversions Part 2

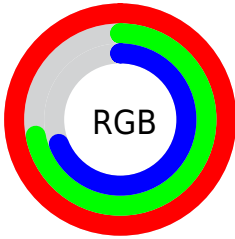
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 255, 185, 175                  |
| Decimal                             | 16758959                       |
| CIE Lab                             | 81.09, 24.53, 14.77            |
| CIE LCh                             | 81, 28.634, 31.061             |
| Yxy                                 | 58.6388, 0.3819,<br>0.3387     |
| Android<br>(android.graphics.Color) | 4294949039<br>(0xFFFFB8AF)     |
| YUV                                 | 204.2030, -14.3971,<br>44.5490 |
| Hunter-Lab                          | 76.5742, 20.1217,<br>16.1341   |

# Details

The HunterLab color **76.5742, 20.1217, 16.1341** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6877, -23.5137, -6.3832**, and the grayscale version is **77.8406, -4.1534, 4.2292**.

A 20% lighter version of the original color is **94.5250, -1.4613, 10.8000**, and **54.3443, 18.9309, 13.3738** is the 20% darker color. If you saturate the color by 10%, you get **70.0483, 29.0761, 19.4277**, and if you desaturate by 10%, it is **83.6081, 11.5637, 12.7531**.

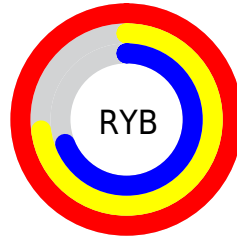
# Distribution



Red (100%)

Green (72%)

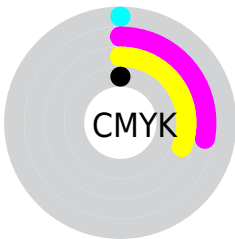
Blue (69%)



Red (100%)

Yellow (73%)

Blue (69%)

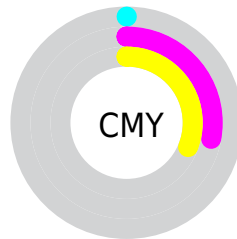


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (28%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5742, 20.1217, 16.1341 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 76.5742, 20.1217, 16.1341 by changing the saturation by 10% instead.





 76.5742, 20.1217,  
16.1341

 76.5742, 20.1217,  
16.1341


204.8322, 21.7440,  
28.4985

 65.0557, 19.6048,  
14.7574


 101.4163, 20.9083,  
18.8673

 54.1792, 19.0009,  
13.3634


114.6816, 21.1978,  
20.2298

 43.9871, 18.2959,  
11.9438


128.4797, 21.4242,  
21.5939

 34.5290, 17.4767,  
10.4849

142.7906, 21.5918,  
22.9617

 25.8668, 16.5274,  
8.9652

157.5966, 21.7046,  
24.3349

 18.0819, 15.4304,  
7.3490


172.8817, 21.7656,

 11.2873, 14.1760,


25.7148


6.3029


188.6314, 21.7779,  
27.1023


 3.4780, 30.5452,  
2.4346


0.0000, NaN, NaN


 76.5742, 20.1217,  
16.1341


 76.5742, 20.1217,  
16.1341


 70.0483, 29.0761,  
19.4277


 83.6081, 11.5637,  
12.7531

 64.1151, 38.3444,  
22.5446

 91.0696, 3.4300,  
9.3328

 58.8806, 47.7101,  
25.3563

 98.8998, -4.3038,  
5.9035

 54.4571, 56.7905,  
27.6874

100.0000, -5.3358,  
5.4332

■ 50.9488, 65.0206,  
29.3411

■ 48.4258, 71.7319,  
30.1661

■ 47.0365, 75.8289,  
30.3112

# Harmonies

## Analogous

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



76.5760, 24.4378, 4.6363



76.5742, 20.1217, 16.1341



76.5760, 9.2456, 23.2108

# Triad

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



76.5760, 20.1184, 16.1353



76.5760, -26.0576, 15.4552



76.5760, -3.5958, -25.7797

# Complementary

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



76.5742, 20.1217, 16.1341



90.6877, -23.5137, -6.3832

# 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.



76.5760, -16.5712, -21.5205



76.5742, 20.1217, 16.1341



76.5760, -28.9700, 3.6972

# Square

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



76.5760, 20.1184, 16.1353



76.5760, -17.3686, 22.8700



76.5760, -25.6207, -10.1090



76.5760, 10.1600, -20.9016



# Rectangle

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



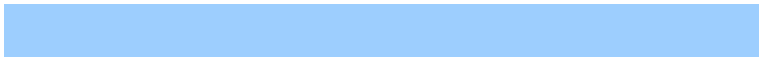
76.5742, 20.1217, 16.1341



76.5760, 0.0980, 25.2317



76.5760, -25.6207, -10.1090



76.5760, -8.1899, -25.3639

# Sweetspot

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



76.5760, 20.1184, 16.1353



92.8956, 1.5606, 8.5194



76.5740, 37.0003, -20.3013



42.4585, 1.2513, 4.1723

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.5760, 20.1184, 16.1353



72.1878, 26.0142, 18.3320



87.8242, -0.5135, 26.7271



42.7973, 0.9051, 4.0215



34.1537, 54.3058, 21.9961



11.1239, 15.4509, 7.1250



# Inverse Universe

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



90.6877, -23.5137, -6.3832



89.0260, -26.3731, -8.6117



78.0770, -3.9376, -23.8014



44.8459, -5.3624, 0.7679



56.9367, -25.1685, -16.8344

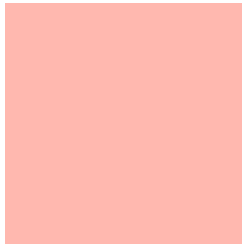


18.0323, -8.1904, -4.8580



# Previews

## White Background



This preview shows how the HunterLab color 76.5742, 20.1217, 16.1341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

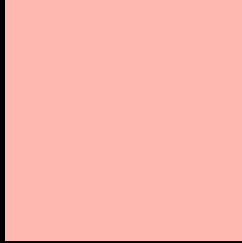
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.5742, 20.1217, 16.1341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

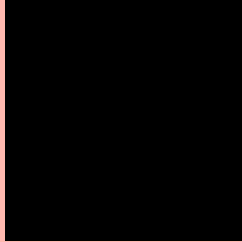
Any Text WCAG AA ✓ Pass

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 76.5742, 20.1217, 16.1341 Background



This preview shows how black text looks on a background with the HunterLab color 76.5742, 20.1217, 16.1341.



This preview shows how white text looks on a background with the HunterLab color 76.5742, 20.1217,



# 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

76.5742, 20.1217, 16.1341

### Protanopia

76.7695, -3.8674, 12.2150

### Deuteranopia

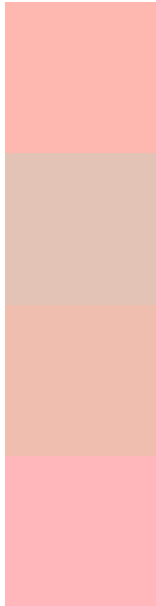
76.5439, 5.4774, 16.6384



## Tritanopia

76.5872, 24.0348, 7.6443

# Trichromacy



**Original Color**

76.5742, 20.1217, 16.1341

**Protanomaly**

76.5083, 4.2747, 13.3412

**Deuteranomaly**

76.4252, 11.0374, 16.2200

**Tritanomaly**

76.6536, 22.4596, 10.8270

# Monochromacy



**Original Color**

76.5742, 20.1217, 16.1341

**Achromatopsia**

77.7063, -4.1462, 4.2219

**Achromatomaly**

77.1173, 3.9781, 8.7999

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.5742, 20.1217, 16.1341 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, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 175)  
}
```

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, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 175) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.5742, 20.1217, 16.1341 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, 184, 175) }
```



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

```
.border{ border-color:rgb(255, 184, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
175) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.5742, 20.1217, 16.1341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 175) }
```

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

```
.background{ background-color: rgb(255,  
184, 175) }
```

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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