

# Converting Colors

HunterLab(71.4570, 16.7317,  
30.7657)

Have a look what the booklet for  
HunterLab(71.4570, 16.7317,  
30.7657) contains.

<b>HunterLab(71.4713, 16.6576, 30.8766)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(71.4713, 16.6576,  
30.8766)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8AD73
RGB	248, 173, 115
RGB Percent	97%, 68%, 45%
CMY	0.0275, 0.3215, 0.5490
CMYK	0.00, 0.30, 0.54, 0.03
HSL	26°, 90%, 71%
HSV	26°, 54%, 97%
XYZ	56.7496, 51.0815, 23.0884
YIQ	188.8130, 63.3180, -2.1380

# Conversions

## Conversions Part 2

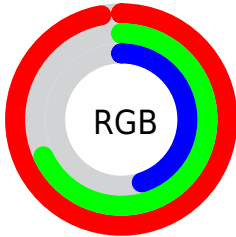
Format	Color
R <sub>Y</sub> B	248, 218, 115
Decimal	16297331
CIE Lab	76.73, 21.33, 40.61
CIE LCh	77, 45.876, 62.288
Yxy	51.0840, 0.4335, 0.3902
Android (android.graphics.Color)	4294487411 (0xFF F8AD73)
YUV	188.8130, -36.3898, 51.9070
Hunter-Lab	71.4713, 16.6576, 30.8766

# Details

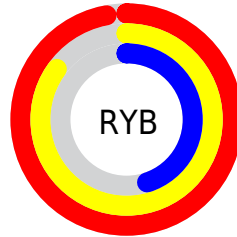
The HunterLab color **71.4713, 16.6576, 30.8766** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **68.7365, -10.1135, -34.4239**, and the grayscale version is **71.3883, -3.8091, 3.8787**.

A 20% lighter version of the original color is **89.5130, -4.4419, 30.5420**, and **49.5035, 15.8085, 24.7909** is the 20% darker color. If you saturate the color by 10%, you get **67.4553, 22.1155, 33.4111**, and if you desaturate by 10%, it is **75.7500, 11.6481, 27.5209**.

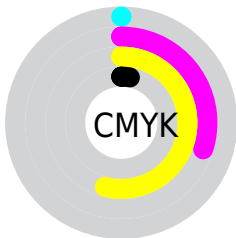
# Distribution



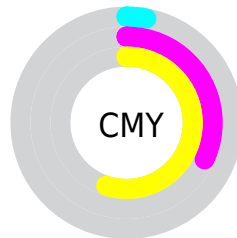
- Red (97%)
- Green (68%)
- Blue (45%)



- Red (97%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (54%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.4713, 16.6576, 30.8766 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 71.4713, 16.6576, 30.8766 by changing the saturation by 10% instead.





 71.4713, 16.6576,  
30.8766


 71.4713, 16.6576,  
30.8766


197.7094, 17.4416,  
54.0329

 60.2291, 16.2421,  
27.9321

 95.8013, 17.2453,  
36.4477

 49.6458, 15.7409,  
24.8462


 108.8274, 17.4382,  
39.1093

 39.7672, 15.1391,  
21.5848

 122.3956, 17.5698,  
41.7068

 30.6477, 14.4222,  
18.1026

136.4851, 17.6445,  
44.2504

 22.3568, 13.5721,  
14.6352

151.0772, 17.6659,  
46.7485

 14.9875, 12.5674,  
10.4913

166.1552, 17.6375,

 8.6316, 11.5989,

49.2079

6.0421

181.7039, 17.5619,  
51.6345

0.0000, INF, NaN

0.0000, NaN, NaN

■ 71.4713, 16.6576,  
30.8766

■ 71.4713, 16.6576,  
30.8766

■ 67.4553, 22.1155,  
33.4111

■ 75.7500, 11.6481,  
27.5209

■ 63.7224, 28.0099,  
35.0456

■ 80.2620, 7.0956,  
23.4255

■ 60.3002, 34.2794,  
35.7298

■ 84.9869, 2.9797,  
18.6737

■ 57.2122, 40.8164,  
35.4685

■ 89.9047, -0.7257,  
13.3421

■ 55.4216, 45.0186,

■ 94.9976, -4.0510,

34.9386

7.4987

99.3461, -7.6180,  
4.6211

# Harmonies

## Analogous

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



71.4731, 35.0157, 22.0214



71.4713, 16.6576, 30.8766



71.4731, -5.4766, 33.2865

# Triad

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



71.4731, 16.6541, 30.8775



71.4731, -40.9360, 2.2867



71.4731, 19.8815, -38.4907

# Complementary

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



71.4713, 16.6576, 30.8766



68.7365, -10.1135, -34.4239

# 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.



71.4731, -2.1431, -48.2633



71.4713, 16.6576, 30.8766



71.4731, -35.8008, -20.7445

# Square

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



71.4731, 16.6541, 30.8775



71.4731, -37.1529, 20.0060



71.4731, -22.2163, -40.9613



71.4731, 37.0300, -17.1544



# Rectangle

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



71.4713, 16.6576, 30.8766



71.4731, -18.9736, 31.7480



71.4731, -22.2163, -40.9613



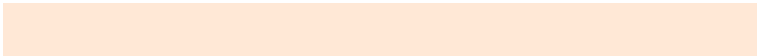
71.4731, 12.7173, -43.4825

# Sweetspot

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



71.4731, 16.6541, 30.8775



91.5616, 0.1301, 15.1398



59.9601, 56.3529, -10.4455



41.8736, 0.4188, 7.5378

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



71.4731, 16.6541, 30.8775



69.4373, 23.1003, 34.5849



91.1072, -16.9793, 45.2869



42.9774, -1.0012, 5.1337



41.0611, 32.2655, 25.8665



13.2975, 7.8947, 8.3321



# Inverse Universe

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



68.7365, -10.1135, -34.4239



66.1003, -8.8801, -44.2850



49.8043, 24.6819, -74.5995



42.7401, -3.3988, -0.6149



37.4862, 2.7221, -52.7308



12.2981, -0.7025, -13.8551



# Previews

## White Background



This preview shows how the HunterLab color 71.4713, 16.6576, 30.8766 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 71.4713, 16.6576, 30.8766 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

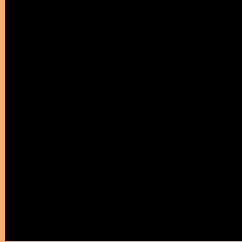
Any Text WCAG AA ✓ Pass

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 71.4713, 16.6576, 30.8766 Background



This preview shows how black text looks on a background with the HunterLab color 71.4713, 16.6576, 30.8766.



This preview shows how white text looks on a background with the HunterLab color 71.4713, 16.6576,

30.8766.

# 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

71.4713, 16.6576, 30.8766

### Protanopia

71.7445, -7.1324, 29.1348

### Deuteranopia

71.4584, 5.1855, 31.1607



## Tritanopia

71.4194, 29.9716, 9.5668

# Trichromacy



## Original Color

71.4713, 16.6576, 30.8766

## Protanomaly

71.5140, 1.1351, 29.6169

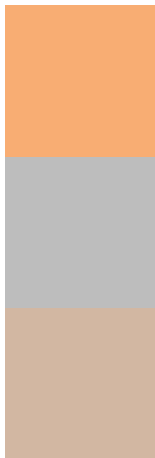
## Deuteranomaly

71.4564, 9.5516, 30.9893

## Tritanomaly

71.3310, 24.5720, 18.6083

# Monochromacy



## Original Color

71.4713, 16.6576, 30.8766

## Achromatopsia

71.3359, -3.8063, 3.8758

## Achromatomaly

70.8359, 2.1168, 15.0750

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.4713, 16.6576, 30.8766 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(248, 173, 115)` looks like.

```
.text, #text, p{  
    color:rgb(248, 173, 115)  
}
```

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(248, 173, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 173, 115) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.4713, 16.6576, 30.8766 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(248, 173, 115) }
```



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

```
.border{ border-color:rgb(248, 173, 115) }
```

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

Here you see how a box with a 4 pixel rgb(248, 173, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 173, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 173, 115);  
box-shadow:4px 4px 4px 4px rgb(248, 173,  
115) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.4713, 16.6576, 30.8766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 173, 115) }
```

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

```
.background{ background-color: rgb(248,  
173, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor