

# Converting Colors

HunterLab(84.2304, 44.3646,  
38.5440)

Have a look what the booklet for  
HunterLab(84.2304, 44.3646,  
38.5440) contains.

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# Color

**HunterLab(74.9988, 15.8354,  
30.6180)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB67F
RGB	255, 182, 127
RGB Percent	100%, 71%, 50%
CMY	0.0000, 0.2862, 0.5020
CMYK	0.00, 0.29, 0.50, 0.00
HSL	26°, 100%, 75%
HSV	26°, 50%, 100%
XYZ	61.7987, 56.2482, 27.6785
YIQ	197.5570, 61.1630, -1.6290

# Conversions

## Conversions Part 2

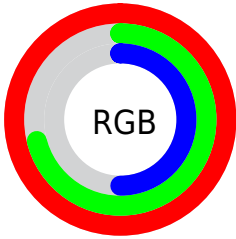
Format	Color
R <sub>Y</sub> B	255, 223, 127
Decimal	16758399
CIE Lab	79.76, 20.42, 38.40
CIE LCh	80, 43.494, 61.996
Yxy	56.2510, 0.4241, 0.3860
Android (android.graphics.Color)	4294948479 (0xFFFFB67F)
YUV	197.5570, -34.7846, 50.3775
Hunter-Lab	74.9988, 15.8354, 30.6180

# Details

The HunterLab color **74.9988, 15.8354, 30.6180** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.8274, -11.1340, -32.3405**, and the grayscale version is **75.0852, -4.0064, 4.0795**.

A 20% lighter version of the original color is **92.5766, -7.6569, 29.2569**, and **52.7621, 14.8955, 24.8827** is the 20% darker color. If you saturate the color by 10%, you get **70.7231, 21.4049, 33.5239**, and if you desaturate by 10%, it is **79.5432, 10.7308, 26.8989**.

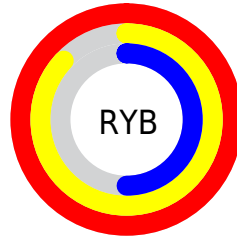
# Distribution



Red (100%)

Green (71%)

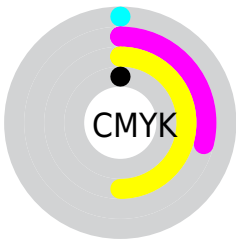
Blue (50%)



Red (100%)

Yellow (87%)

Blue (50%)

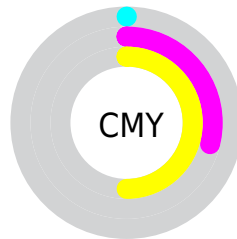


Cyan (0%)

Magenta (29%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (29%)


Yellow (50%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.9988, 15.8354, 30.6180 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 74.9988, 15.8354, 30.6180 by changing the saturation by 10% instead.




 74.9988, 15.8354,  
30.6180

 74.9988, 15.8354,  
30.6180


202.6417, 16.1602,  
52.6702

 63.5643, 15.4850,  
27.8477


 99.6852, 16.3041,  
35.8839

 52.7767, 15.0536,  
24.9545


 112.8777, 16.4420,  
38.4098

 42.6796, 14.5271,  
21.9081


 126.6058, 16.5212,  
40.8805

 33.3239, 13.8922,  
18.6675

140.8493, 16.5457,  
43.3050

 24.7737, 13.1318,  
15.1827

155.5901, 16.5190,  
45.6907

 17.1137, 12.2246,  
11.9796

170.8121, 16.4441,

 10.4626, 11.1494,

48.0436

7.3239

186.5004, 16.3237,  
50.3686

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.9988, 15.8354,  
30.6180

■ 74.9988, 15.8354,  
30.6180

■ 70.7231, 21.4049,  
33.5239

■ 79.5432, 10.7308,  
26.8989

■ 66.7376, 27.4348,  
35.5289

■ 84.3254, 6.0945,  
22.4523

■ 63.0723, 33.8722,  
36.5675

■ 89.3244, 1.9017,  
17.3637

■ 59.7539, 40.6200,  
36.6185

■ 94.5197, -1.8767,  
11.7097

■ 56.8522, 47.3557,

99.8933, -5.2730,

35.8611

5.5578

100.0000, -5.3359,  
5.4331

# Harmonies

## Analogous

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



75.0006, 33.2492, 21.6595



74.9988, 15.8354, 30.6180



75.0006, -5.4016, 33.1403

# Triad

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



75.0006, 15.8318, 30.6190



75.0006, -40.1225, 2.7376



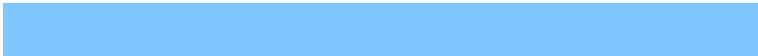
75.0006, 18.5204, -36.1613

# Complementary

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



74.9988, 15.8354, 30.6180



72.8274, -11.1340, -32.3405

# Split Complementary

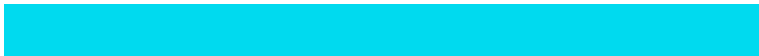
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.0006, -2.5999, -45.1128



74.9988, 15.8354, 30.6180



75.0006, -35.1632, -19.1549

# Square

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



75.0006, 15.8318, 30.6190



75.0006, -36.3202, 19.9190



75.0006, -21.9745, -38.1709



75.0006, 34.9172, -16.1991



# Rectangle

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



74.9988, 15.8354, 30.6180



75.0006, -18.4853, 31.6022



75.0006, -21.9745, -38.1709



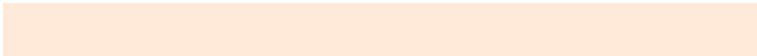
75.0006, 11.6628, -40.7708

# Sweetspot

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



75.0006, 15.8318, 30.6190



92.0004, -0.1110, 14.4925



63.7869, 54.7388, -11.4826



42.0584, 0.3204, 7.2521

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.0006, 15.8318, 30.6190



70.8040, 21.2917, 33.4756



93.6453, -16.1126, 44.7088



43.8984, -0.9823, 5.2279



41.4386, 33.3635, 26.1183

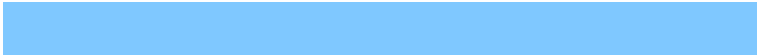


13.7250, 8.4845, 8.6058



# Inverse Universe

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



72.8274, -11.1340, -32.3405



68.2261, -10.0837, -40.3522



54.6023, 21.6221, -68.7054



43.7007, -3.5131, -0.6071



38.3711, 2.1966, -52.7023



12.8477, -0.8101, -14.3098



# Previews

## White Background



This preview shows how the HunterLab color 74.9988, 15.8354, 30.6180 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

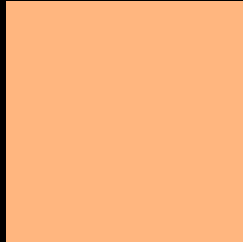
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 74.9988, 15.8354, 30.6180 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

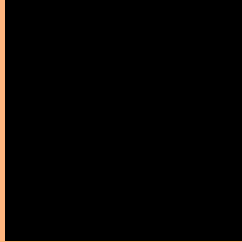
Any Text WCAG AA ✓ Pass

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 74.9988, 15.8354, 30.6180 Background



This preview shows how black text looks on a background with the HunterLab color 74.9988, 15.8354, 30.6180.



This preview shows how white text looks on a background with the HunterLab color 74.9988, 15.8354,

30.6180.

# 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

74.9988, 15.8354, 30.6180

### Protanopia

75.1856, -7.0470, 28.7067

### Deuteranopia

75.0015, 5.7376, 30.7123



## Tritanopia

75.0567, 25.7053, 9.1169

# Trichromacy



## Original Color

74.9988, 15.8354, 30.6180

## Protanomaly

74.9406, 1.2379, 29.2114

## Deuteranomaly

74.8576, 9.6409, 30.6620

## Tritanomaly

75.0022, 21.6399, 18.0761

# Monochromacy



## Original Color

74.9988, 15.8354, 30.6180

## Achromatopsia

75.1473, -4.0097, 4.0829

## Achromatomaly

74.6578, 2.0668, 15.0443

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.9988, 15.8354, 30.6180 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, 182, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 127)  
}
```

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, 182, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 127) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.9988, 15.8354, 30.6180 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, 182, 127) }
```



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

```
.border{ border-color:rgb(255, 182, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 182, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
127) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.9988, 15.8354, 30.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 127) }
```

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

```
.background{ background-color: rgb(255,  
182, 127) }
```

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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