

# Converting Colors

HunterLab(75.6963, 13.6504,  
33.0020)

Have a look what the booklet for  
HunterLab(75.6963, 13.6504,  
33.0020) contains.

<b>HunterLab(75.7060, 13.6492, 32.9724)</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(75.7060, 13.6492,  
32.9724)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB978
RGB	255, 185, 120
RGB Percent	100%, 73%, 47%
CMY	0.0000, 0.2745, 0.5294
CMYK	0.00, 0.27, 0.53, 0.00
HSL	29°, 100%, 74%
HSV	29°, 53%, 100%
XYZ	61.9791, 57.3140, 25.5654
YIQ	198.5200, 62.5850, -5.3750

# Conversions

## Conversions Part 2

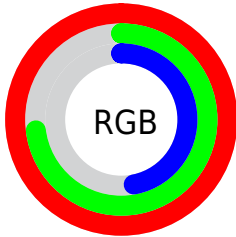
Format	Color
R <sub>Y</sub> B	255, 245, 120
Decimal	16759160
CIE Lab	80.36, 18.25, 42.75
CIE LCh	80, 46.481, 66.878
Yxy	57.3168, 0.4279, 0.3957
Android (android.graphics.Color)	4294949240 (0xFFFFB978)
YUV	198.5200, -38.7104, 49.5330
Hunter-Lab	75.7060, 13.6492, 32.9724

# Details

The HunterLab color **75.7060, 13.6492, 32.9724** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.3094, -7.4369, -38.3530**, and the grayscale version is **75.5107, -4.0291, 4.1026**.

A 20% lighter version of the original color is **93.3744, -10.0172, 32.2578**, and **53.4292, 12.9470, 26.7196** is the 20% darker color. If you saturate the color by 10%, you get **71.7640, 18.6643, 35.7005**, and if you desaturate by 10%, it is **79.8825, 9.1051, 29.3492**.

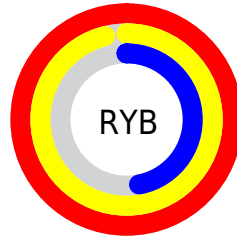
# Distribution



Red (100%)

Green (73%)

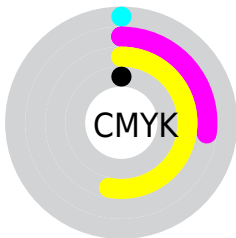
Blue (47%)



Red (100%)

Yellow (96%)

Blue (47%)

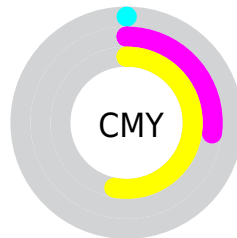


Cyan (0%)

Magenta (27%)

Yellow (53%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.7060, 13.6492, 32.9724 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 75.7060, 13.6492, 32.9724 by changing the saturation by 10% instead.





 75.7060, 13.6492,  
32.9724


 75.7060, 13.6492,  
32.9724


203.6260, 13.2135,  
56.8800


 64.2337, 13.3996,  
29.9395


 100.4626, 13.9284,  
38.7201

 53.4060, 13.0736,  
26.7668


 113.6879, 13.9769,  
41.4685

 43.2661, 12.6579,  
23.4223


 127.4475, 13.9697,  
44.1514

 33.8641, 12.1396,  
19.8642

141.7213, 13.9105,  
46.7788

 25.2634, 11.5020,  
16.1104

156.4915, 13.8026,  
49.3591

 17.5470, 10.7234,  
12.2829


171.7419, 13.6489,

 10.8310, 9.7773,


51.8990


7.5817


187.4579, 13.4518,  
54.4044

 1.9893, 39.8760,  
1.3925


0.0000, NaN, NaN

 75.7060, 13.6492,  
32.9724


 75.7060, 13.6492,  
32.9724

 71.7640, 18.6643,  
35.7005

 79.8825, 9.1051,  
29.3492


 68.0708, 24.1501,  
37.4635

 84.2687, 5.0348,  
24.9058

 64.6483, 30.0645,  
38.2216

 88.8485, 1.4150,  
19.7223

 61.5137, 36.3290,  
37.9888

 93.6054, -1.7808,  
13.8744

■ 59.4756, 40.8670,  
37.3640

■ 98.5245, -4.5825,  
7.4315

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.



75.7079, 33.6318, 24.8371



75.7060, 13.6492, 32.9724



75.7079, -9.1392, 34.5829

# Triad

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



75.7079, 13.6456, 32.9733



75.7079, -42.2763, -0.9582



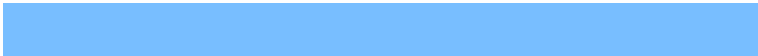
75.7079, 23.6126, -36.5852

# Complementary

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



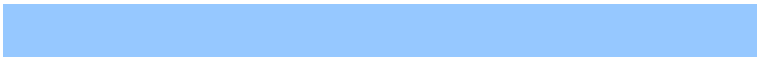
75.7060, 13.6492, 32.9724



69.3094, -7.4369, -38.3530

# 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.



75.7079, 1.1903, -48.9663



75.7060, 13.6492, 32.9724



75.7079, -35.5430, -24.8620

# Square

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



75.7079, 13.6456, 32.9733



75.7079, -39.7615, 18.5250



75.7079, -20.2445, -44.1462



75.7079, 39.8380, -13.8227



# Rectangle

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



75.7060, 13.6492, 32.9724



75.7079, -22.5699, 32.3399



75.7079, -20.2445, -44.1462



75.7079, 16.4554, -42.3609

# Sweetspot

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



75.7079, 13.6456, 32.9733



92.1322, -0.8462, 15.7299



62.0477, 56.7504, -8.4261



42.1700, -0.0908, 7.8400

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.7079, 13.6456, 32.9733



71.3605, 19.2239, 35.9340



95.5501, -19.6842, 47.5064



44.0800, -1.2891, 5.4243



43.3347, 28.7229, 27.2055

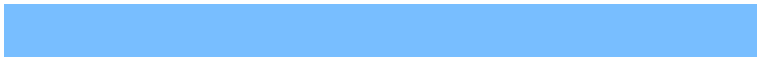


14.3033, 7.1696, 8.9392



# Inverse Universe

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



69.3094, -7.4369, -38.3530



63.7955, -5.1768, -48.7062



50.7490, 27.4949, -78.7770



43.5153, -3.2095, -0.8330



35.6739, 7.1632, -60.0526



12.0746, 0.5064, -16.1854



# Previews

## White Background



This preview shows how the HunterLab color 75.7060, 13.6492, 32.9724 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

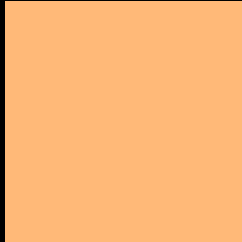
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.7060, 13.6492, 32.9724 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

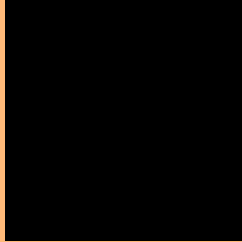
Any Text WCAG AA ✓ Pass

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 75.7060, 13.6492, 32.9724 Background



This preview shows how black text looks on a background with the HunterLab color 75.7060, 13.6492, 32.9724.



This preview shows how white text looks on a background with the HunterLab color 75.7060, 13.6492,

32.9724.

# 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

75.7060, 13.6492, 32.9724

### Protanopia

75.9739, -7.6475, 31.2768

### Deuteranopia

75.8095, 5.2617, 33.1559



## Tritanopia

75.6715, 25.0632, 8.4474

# Trichromacy



## Original Color

75.7060, 13.6492, 32.9724

## Protanomaly

75.8119, -0.5633, 31.7920

## Deuteranomaly

75.8296, 8.2656, 33.2245

## Tritanomaly

75.5145, 20.4448, 18.9404

# Monochromacy



## Original Color

75.7060, 13.6492, 32.9724

## Achromatopsia

75.5728, -4.0324, 4.1060

## Achromatomaly

75.1970, 0.7684, 16.3641

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.7060, 13.6492, 32.9724 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 120) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.7060, 13.6492, 32.9724 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, 120) }
```



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

```
.border{ border-color:rgb(255, 185, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 120);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
120) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.7060, 13.6492, 32.9724 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, 120) }
```

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

```
.background{ background-color: rgb(255,  
185, 120) }
```

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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