

# Converting Colors

HunterLab(85.1291, 39.1867,  
41.1853)

Have a look what the booklet for  
HunterLab(85.1291, 39.1867,  
41.1853) contains.

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# Color

**HunterLab(76.5078, 11.9140,  
34.0700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFBC76
RGB	255, 188, 118
RGB Percent	100%, 74%, 46%
CMY	0.0000, 0.2627, 0.5372
CMYK	0.00, 0.26, 0.54, 0.00
HSL	31°, 100%, 73%
HSV	31°, 54%, 100%
XYZ	62.4932, 58.5344, 25.1440
YIQ	200.0530, 62.4020, -7.5660

# Conversions

## Conversions Part 2

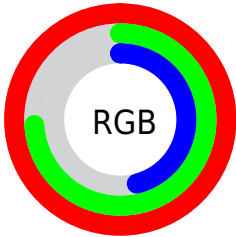
Format	Color
R <sub>Y</sub> B	249, 255, 118
Decimal	16759926
CIE Lab	81.04, 16.52, 44.60
CIE LCh	81, 47.561, 69.674
Yxy	58.5373, 0.4275, 0.4005
Android (android.graphics.Color)	4294950006 (0xFFFFBC76)
YUV	200.0530, -40.4521, 48.1885
Hunter-Lab	76.5078, 11.9140, 34.0700

# Details

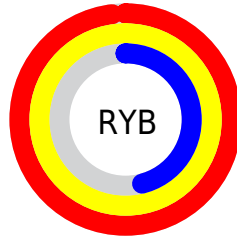
The HunterLab color **76.5078, 11.9140, 34.0700** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **67.6516, -5.2789, -41.3199**, and the grayscale version is **76.1709, -4.0643, 4.1385**.

A 20% lighter version of the original color is **94.2877, -11.7699, 33.6663**, and **54.1732, 11.3383, 27.5944** is the 20% darker color. If you saturate the color by 10%, you get **72.7399, 16.5763, 36.7650**, and if you desaturate by 10%, it is **80.4909, 7.7243, 30.4443**.

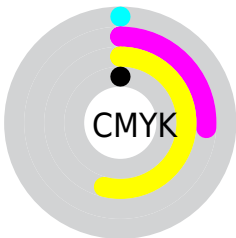
# Distribution



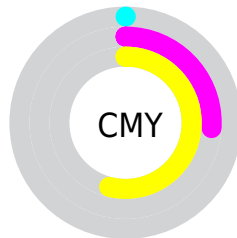
- Red (100%)
- Green (74%)
- Blue (46%)



- Red (98%)
- Yellow (100%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (54%)
- Black (0%)




- Cyan (0%)
- Magenta (26%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.5078, 11.9140, 34.0700 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 76.5078, 11.9140, 34.0700 by changing the saturation by 10% instead.





 76.5078, 11.9140,  
34.0700

 76.5078, 11.9140,  
34.0700


204.7401, 10.8598,  
58.7498

 64.9929, 11.7468,  
30.9307


 101.3434, 12.0387,  
40.0153

 54.1201, 11.5075,  
27.6459


 114.6057, 12.0143,  
42.8559

 43.9320, 11.1829,  
24.1835


 128.4008, 11.9367,  
45.6270

 34.4781, 10.7611,  
20.5024

142.7089, 11.8095,  
48.3391

 25.8206, 10.2261,  
16.6438

157.5122, 11.6357,  
51.0009

 18.0410, 9.5563,  
12.6287


172.7947, 11.4180,

 11.2523, 8.7234,


53.6194


7.8766


188.5418, 11.1587,  
56.2007


 3.3876, 21.0698,  
2.3713


0.0000, NaN, NaN


 76.5078, 11.9140,  
34.0700


 76.5078, 11.9140,  
34.0700

 72.7399, 16.5763,  
36.7650


 80.4909, 7.7243,  
30.4443

 69.1979, 21.7135,  
38.4694

 84.6675, 4.0095,  
25.9559

 65.8995, 27.2895,  
39.1557

 89.0242, 0.7471,  
20.6803

 62.8578, 33.2360,  
38.8521

 93.5466, -2.0880,  
14.6908

61.0785, 37.0815,  
38.2855

98.2218, -4.5243,  
8.0562

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.



76.5097, 33.0662, 26.4717



76.5078, 11.9140, 34.0700



76.5097, -11.3865, 35.1394

# Triad

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



76.5097, 11.9104, 34.0709



76.5097, -43.0277, -3.2576



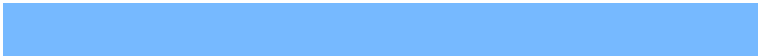
76.5097, 26.2856, -35.8687

# Complementary

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



76.5078, 11.9140, 34.0700



67.6516, -5.2789, -41.3199

# 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.



76.5097, 3.4979, -50.0835



76.5078, 11.9140, 34.0700



76.5097, -35.2731, -27.9039

# Square

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



76.5097, 11.9104, 34.0709



76.5097, -41.3400, 17.3992



76.5097, -18.8683, -46.8016



76.5097, 42.0226, -11.9596



# Rectangle

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



76.5078, 11.9140, 34.0700



76.5097, -24.7977, 32.4682



76.5097, -18.8683, -46.8016



76.5097, 19.0930, -42.2187

# Sweetspot

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



76.5097, 11.9104, 34.0709



92.5039, -1.4790, 16.1128



61.4685, 56.8933, -6.2051



42.3632, -0.4210, 8.0361

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.5097, 11.9104, 34.0709



72.6393, 16.7116, 36.8255



96.9988, -22.0331, 48.9076



44.1835, -1.4634, 5.5360



44.4896, 26.0224, 27.8698



14.6490, 6.4146, 9.1390



# Inverse Universe

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



67.6516, -5.2789, -41.3199



62.3220, -2.7422, -51.6505



49.0194, 30.7417, -83.6859



43.4101, -3.0366, -0.9617



34.1956, 10.0631, -64.4648



11.6466, 1.2726, -17.3044



# Previews

## White Background



This preview shows how the HunterLab color 76.5078, 11.9140, 34.0700 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 76.5078, 11.9140, 34.0700 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

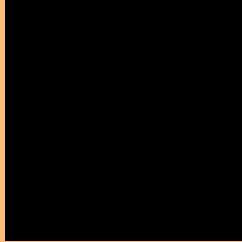
Any Text WCAG AA ✓ Pass

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 76.5078, 11.9140, 34.0700 Background



This preview shows how black text looks on a background with the HunterLab color 76.5078, 11.9140, 34.0700.



This preview shows how white text looks on a background with the HunterLab color 76.5078, 11.9140,

34.0700.

# 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

76.5078, 11.9140, 34.0700

### Protanopia

76.7377, -8.1908, 32.6638

### Deuteranopia

76.4173, 5.7594, 34.1312



## Tritanopia

76.5578, 23.8843, 8.0657

# Trichromacy



## Original Color

76.5078, 11.9140, 34.0700

## Protanomaly

76.5746, -1.0843, 33.1599

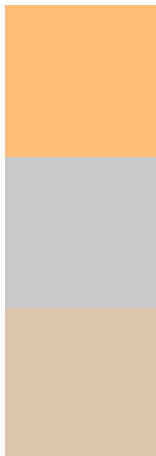
## Deuteranomaly

76.6066, 7.8608, 34.3169

## Tritanomaly

76.3506, 18.9657, 19.3638

# Monochromacy



## Original Color

76.5078, 11.9140, 34.0700

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

75.8932, 0.0998, 17.0565

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.5078, 11.9140, 34.0700 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, 188, 118)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 118)  
}
```

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, 188, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 118) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.5078, 11.9140, 34.0700 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, 188, 118) }
```



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

```
.border{ border-color:rgb(255, 188, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 118);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
118) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.5078, 11.9140, 34.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 118) }
```

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

```
.background{ background-color: rgb(255,  
188, 118) }
```

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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