

# Converting Colors

HunterLab(72.8843, 11.4859,  
33.9611)

Have a look what the booklet for  
HunterLab(72.8843, 11.4859,  
33.9611) contains.

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# Color

**HunterLab(72.9904, 11.4878,  
34.1012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6B46A
RGB	246, 180, 106
RGB Percent	96%, 71%, 42%
CMY	0.0353, 0.2941, 0.5843
CMYK	0.00, 0.27, 0.57, 0.04
HSL	32°, 89%, 69%
HSV	32°, 57%, 96%
XYZ	56.9288, 53.2760, 20.9185
YIQ	191.2980, 63.0900, -9.0220

# Conversions

## Conversions Part 2

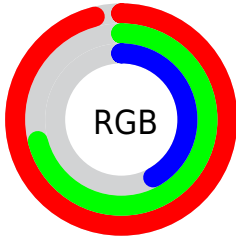
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 246, 106
Decimal	16168042
CIE Lab	78.04, 16.13, 46.73
CIE LCh	78, 49.437, 70.954
Yxy	53.2786, 0.4342, 0.4063
Android (android.graphics.Color)	4294358122 (0xFFFF6B46A)
YUV	191.2980, -42.0519, 47.9737
Hunter-Lab	72.9904, 11.4878, 34.1012

# Details

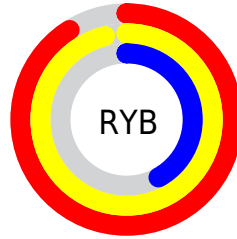
The HunterLab color **72.9904, 11.4878, 34.1012** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **62.6269, -3.1981, -44.0084**, and the grayscale version is **72.4606, -3.8663, 3.9369**.

A 20% lighter version of the original color is **91.5173, -9.0080, 34.9846**, and **50.8954, 11.0737, 27.1969** is the 20% darker color. If you saturate the color by 10%, you get **69.5342, 15.8718, 36.4191**, and if you desaturate by 10%, it is **76.6458, 7.5558, 30.8597**.

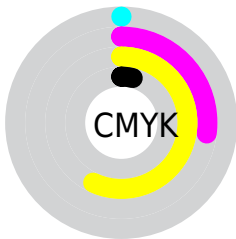
# Distribution



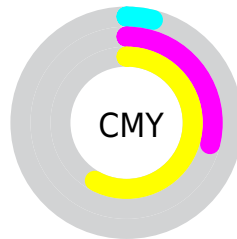
- Red (96%)
- Green (71%)
- Blue (42%)



- Red (91%)
- Yellow (96%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (57%)
- Black (4%)




- Cyan (4%)
- Magenta (29%)
- Yellow (58%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9904, 11.4878, 34.1012 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 72.9904, 11.4878, 34.1012 by changing the saturation by 10% instead.




 72.9904, 11.4878,  
34.1012

 72.9904, 11.4878,  
34.1012


199.8382, 10.4356,  
59.8939


 61.6646, 11.3165,  
30.7865


 97.4752, 11.6173,  
40.3546


 50.9924, 11.0712,  
27.3086

 110.5736, 11.5939,  
43.3323

 41.0187, 10.7384,  
23.6325


 124.2112, 11.5167,  
46.2313

 31.7963, 10.3051,  
19.7155

 138.3675, 11.3894,  
49.0635

 23.3923, 9.7539,  
16.0888

153.0241, 11.2151,  
51.8385

 15.8958, 9.0612,  
11.1271

168.1646, 10.9965,

 9.4339, 8.1966,

54.5643

6.6038

183.7738, 10.7360,  
57.2475

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.9904, 11.4878,  
34.1012

■ 72.9904, 11.4878,  
34.1012

■ 69.5342, 15.8718,  
36.4191

■ 76.6458, 7.5558,  
30.8597

■ 66.2853, 20.7063,  
37.7679

■ 80.4810, 4.0816,  
26.7527

■ 63.2580, 25.9519,  
38.1393

■ 84.4846, 1.0464,  
21.8484

■ 60.4610, 31.5363,  
37.5938

■ 88.6438, -1.5717,  
16.2155

■ 59.6391, 33.2905,

■ 92.9471, -3.7983,

37.3322

9.9201

97.3835, -5.6605,  
3.0239

99.1629, -8.2601,  
4.3926

# Harmonies

## Analogous

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



72.9922, 33.5714, 26.9551



72.9904, 11.4878, 34.1012



72.9922, -12.3104, 34.8873

# Triad

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



72.9922, 11.4843, 34.1020



72.9922, -43.2703, -4.7008



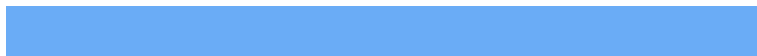
72.9922, 28.2382, -36.6522

# Complementary

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



72.9904, 11.4878, 34.1012



62.6269, -3.1981, -44.0084

# 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.



72.9922, 4.9123, -52.2774



72.9904, 11.4878, 34.1012



72.9922, -35.0642, -30.3014

# Square

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



72.9922, 11.4843, 34.1020



72.9922, -41.9813, 16.6861



72.9922, -18.1045, -49.6420



72.9922, 44.0599, -11.5390



# Rectangle

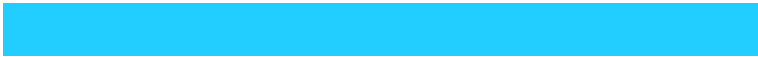
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.9904, 11.4878, 34.1012



72.9922, -25.7728, 32.1147



72.9922, -18.1045, -49.6420



72.9922, 20.8997, -43.5000

# Sweetspot

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



72.9922, 11.4843, 34.1020



92.2843, -1.6063, 16.9678



57.3971, 57.4381, -4.8163



42.2859, -0.5043, 8.4223

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.9922, 11.4843, 34.1020



72.0074, 17.1233, 38.1631



92.8037, -22.4786, 48.0798



42.3470, -1.5039, 5.3496



43.8960, 23.5883, 27.4614

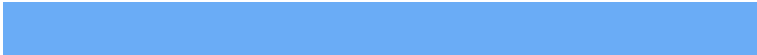


13.7815, 5.3231, 8.5853



# Inverse Universe

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



62.6269, -3.1981, -44.0084



59.4228, 0.1022, -57.7785



44.9128, 32.7407, -86.8505



41.4909, -2.8053, -0.9797



32.3880, 11.3747, -65.0369



10.6113, 1.4024, -16.2907



# Previews

## White Background



This preview shows how the HunterLab color 72.9904, 11.4878, 34.1012 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

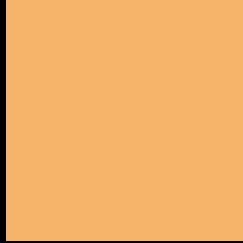
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.9904, 11.4878, 34.1012 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

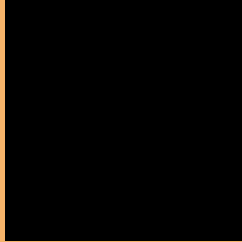
Any Text WCAG AA ✓ Pass

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 72.9904, 11.4878, 34.1012 Background



This preview shows how black text looks on a background with the HunterLab color 72.9904, 11.4878, 34.1012.



This preview shows how white text looks on a background with the HunterLab color 72.9904, 11.4878,



# 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

72.9904, 11.4878, 34.1012

### Protanopia

72.9964, -7.7011, 32.6301

### Deuteranopia

72.8929, 5.3639, 34.1396



## Tritanopia

72.9945, 27.1984, 8.6215

# Trichromacy



**Original Color**

72.9904, 11.4878, 34.1012

**Protanomaly**

72.7447, -0.9723, 33.0159

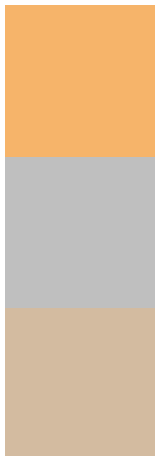
**Deuteranomaly**

73.0836, 7.4582, 34.3222

**Tritanomaly**

72.7986, 21.0965, 19.6114

# Monochromacy



**Original Color**

72.9904, 11.4878, 34.1012

**Achromatopsia**

72.1800, -3.8513, 3.9217

**Achromatomaly**

72.0608, 0.1735, 17.0429

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.9904, 11.4878, 34.1012 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(246, 180, 106)` looks like.

```
.text, #text, p{  
    color:rgb(246, 180, 106)  
}
```

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(246, 180, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 180, 106) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.9904, 11.4878, 34.1012 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(246, 180, 106) }
```



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

```
.border{ border-color:rgb(246, 180, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 180, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 180, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 180, 106);  
box-shadow:4px 4px 4px 4px rgb(246, 180,  
106) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.9904, 11.4878, 34.1012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 180, 106) }
```

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

```
.background{ background-color: rgb(246,  
180, 106) }
```

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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