

# Converting Colors

HunterLab(75.0531, 11.8930,  
38.9458)

Have a look what the booklet for  
HunterLab(75.0531, 11.8930,  
38.9458) contains.

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# Color

**HunterLab(75.0082, 11.9572,  
38.9583)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB859
RGB	255, 184, 89
RGB Percent	100%, 72%, 35%
CMY	0.0000, 0.2784, 0.6510
CMYK	0.00, 0.28, 0.65, 0.00
HSL	34°, 100%, 67%
HSV	34°, 65%, 100%
XYZ	60.1837, 56.2623, 17.1390
YIQ	194.3990, 72.8110, -14.4930

# Conversions

## Conversions Part 2

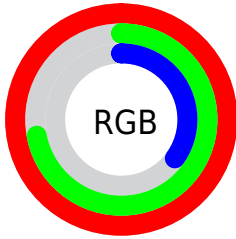
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	213, 255, 89
Decimal	16758873
CIE <sub>Lab</sub>	79.76, 16.58, 57.12
CIE <sub>LCh</sub>	80, 59.480, 73.814
Yxy	56.2651, 0.4505, 0.4212
Android (android.graphics.Color)	4294948953 (0xFFFFB859)
YUV	194.3990, -51.9617, 53.1471
Hunter-Lab	75.0082, 11.9572, 38.9583

# Details

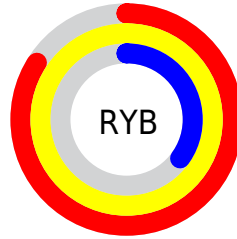
The HunterLab color **75.0082, 11.9572, 38.9583** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **58.7231, 2.8336, -59.2860**, and the grayscale version is **73.8114, -3.9384, 4.0103**.

A 20% lighter version of the original color is **92.4841, -12.6872, 40.3601**, and **52.7535, 11.5019, 30.8319** is the 20% darker color. If you saturate the color by 10%, you get **71.7986, 16.3449, 40.5836**, and if you desaturate by 10%, it is **78.4075, 8.0348, 36.3031**.

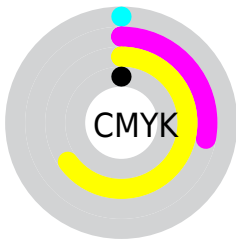
# Distribution



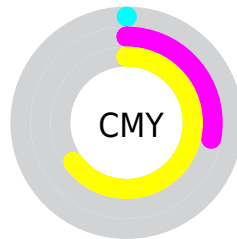
- Red (100%)
- Green (72%)
- Blue (35%)



- Red (84%)
- Yellow (100%)
- Blue (35%)



- Cyan (0%)
- Magenta (28%)
- Yellow (65%)
- Black (0%)




- Cyan (0%)
- Magenta (28%)
- Yellow (65%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0082, 11.9572, 38.9583 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 75.0082, 11.9572, 38.9583 by changing the saturation by 10% instead.





 75.0082, 11.9572,  
38.9583


 75.0082, 11.9572,  
38.9583


202.6548, 10.9803,  
69.2875


 63.5732, 11.7780,  
35.0151


 99.6956, 12.1028,  
46.3789


 52.7851, 11.5255,  
30.8778


 112.8885, 12.0878,  
49.8997

 42.6874, 11.1864,  
26.5140


 126.6170, 12.0191,  
53.3180

 33.3311, 10.7480,  
21.9093

 140.8609, 11.9003,  
56.6477

 24.7802, 10.1939,  
17.3462

155.6021, 11.7345,  
59.9005

 17.1195, 9.5016,  
11.9836

170.8245, 11.5244,

 10.4675, 8.6421,

63.0861

7.3273

186.5132, 11.2723,  
66.2127

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.0082, 11.9572,  
38.9583

■ 75.0082, 11.9572,  
38.9583

■ 71.7986, 16.3449,  
40.5836

■ 78.4075, 8.0348,  
36.3031

■ 68.7819, 21.1833,  
41.1730

■ 81.9809, 4.5951,  
32.6521

■ 65.9654, 26.4141,  
40.7827

■ 85.7195, 1.6270,  
28.0604

■ 64.6529, 29.0707,  
40.3477

■ 89.6130, -0.8856,  
22.5910

■ 93.6510, -2.9642,

16.3098

97.8239, -4.6338,  
9.2821

99.9999, -5.3360,  
5.4331

# Harmonies

## Analogous

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



75.0101, 39.9618, 32.0291



75.0082, 11.9572, 38.9583



75.0101, -16.6950, 39.1976

# Triad

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



75.0101, 11.9535, 38.9591



75.0101, -50.3021, -9.5179



75.0101, 38.0062, -44.3470

# Complementary

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



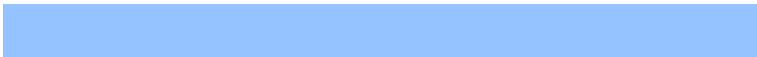
75.0082, 11.9572, 38.9583



58.7231, 2.8336, -59.2860

# 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.



75.0101, 9.5861, -66.5868



75.0082, 11.9572, 38.9583



75.0101, -39.7192, -41.9350

# Square

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



75.0101, 11.9535, 38.9591



75.0101, -49.8652, 17.2554



75.0101, -18.7342, -65.5679



75.0101, 56.4749, -12.0194



# Rectangle

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



75.0082, 11.9572, 38.9583



75.0101, -32.2317, 35.8481



75.0101, -18.7342, -65.5679



75.0101, 29.1289, -53.7102

# Sweetspot

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



75.0101, 11.9535, 38.9591



91.6539, -1.9977, 19.4870



55.6561, 66.9373, -0.4207



41.8805, -0.6468, 9.8194

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.0101, 11.9535, 38.9591



70.9026, 17.7054, 40.8605



95.6358, -27.6620, 52.5863



44.3996, -1.8259, 5.7681



47.0573, 20.3190, 29.3522

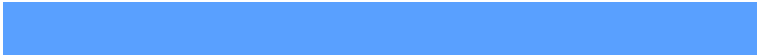


15.4045, 4.8361, 9.5768



# Inverse Universe

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



58.7231, 2.8336, -59.2860



52.1171, 8.9265, -75.3581



41.3262, 43.8067, -109.4995



43.1915, -2.6762, -1.2300



31.2666, 16.2644, -74.1905



10.7859, 2.9090, -19.7613



# Previews

## White Background



This preview shows how the HunterLab color 75.0082, 11.9572, 38.9583 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

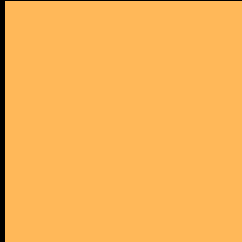
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.0082, 11.9572, 38.9583 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 75.0082, 11.9572, 38.9583 Background



This preview shows how black text looks on a background with the HunterLab color 75.0082, 11.9572, 38.9583.



This preview shows how white text looks on a background with the HunterLab color 75.0082, 11.9572,



# 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

75.0082, 11.9572, 38.9583

### Protanopia

74.9924, -8.9320, 37.8660

### Deuteranopia

74.8889, 5.7611, 38.9376



## Tritanopia

75.0567, 25.7053, 9.1169

# Trichromacy



## Original Color

75.0082, 11.9572, 38.9583

## Protanomaly

74.8789, -1.6416, 38.0940

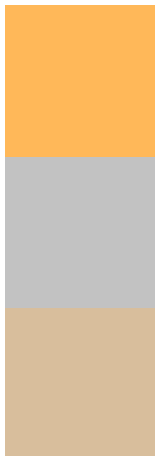
## Deuteranomaly

75.0899, 7.8905, 39.1183

## Tritanomaly

74.9463, 19.4361, 23.0216

# Monochromacy



## Original Color

75.0082, 11.9572, 38.9583

## Achromatopsia

73.4493, -3.9191, 3.9906

## Achromatomaly

73.3663, -0.0915, 19.7885

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.0082, 11.9572, 38.9583 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, 184, 89)` looks like.

```
.text, #text, p{  
  color:rgb(255, 184, 89)  
}
```

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, 184, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 89) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.0082, 11.9572, 38.9583 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, 184, 89) }
```



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

```
.border{ border-color:rgb(255, 184, 89) }
```

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

Here you see how a box with a 4 pixel rgb(255, 184, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 89);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
89) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.0082, 11.9572, 38.9583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 89) }
```

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

```
.background{ background-color: rgb(255,  
184, 89) }
```

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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