

# Converting Colors

HunterLab(75.7199, 5.5315,  
38.0048)

Have a look what the booklet for  
HunterLab(75.7199, 5.5315,  
38.0048) contains.

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# Color

**HunterLab(75.6732, 5.6361,  
38.0576)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6BE60
RGB	246, 190, 96
RGB Percent	96%, 75%, 38%
CMY	0.0353, 0.2549, 0.6235
CMYK	0.00, 0.23, 0.61, 0.04
HSL	38°, 89%, 67%
HSV	38°, 61%, 96%
XYZ	58.5309, 57.2643, 19.0346
YIQ	196.0280, 63.5500, -17.3620

# Conversions

## Conversions Part 2

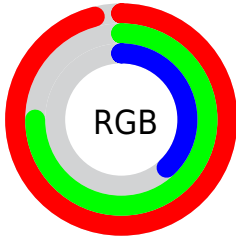
Format	Color
<a href="#">RYB</a>	<a href="#">185, 246, 96</a>
Decimal	<a href="#">16170592</a>
<a href="#">CIELab</a>	<a href="#">80.33, 10.18, 54.25</a>
<a href="#">CIElCh</a>	<a href="#">80, 55.200, 79.375</a>
<a href="#">Yxy</a>	<a href="#">57.2671, 0.4341, 0.4247</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294360672 (0xFFFF6BE60)</a>
<a href="#">YUV</a>	<a href="#">196.0280, -49.3138, 43.8254</a>
<a href="#">Hunter-Lab</a>	<a href="#">75.6732, 5.6361, 38.0576</a>

# Details

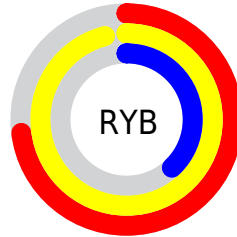
The HunterLab color **75.6732, 5.6361, 38.0576** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **56.2102, 5.4299, -57.2339**, and the grayscale version is **74.4945, -3.9748, 4.0474**.

A 20% lighter version of the original color is **94.5206, -15.0494, 40.1440**, and **53.3969, 5.6721, 30.3564** is the 20% darker color. If you saturate the color by 10%, you get **72.8210, 8.9593, 40.1198**, and if you desaturate by 10%, it is **78.6751, 2.7585, 34.9914**.

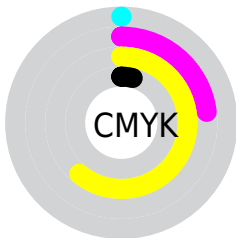
# Distribution



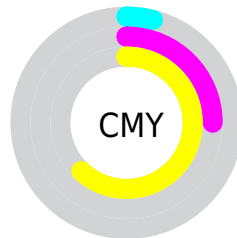
- Red (96%)
- Green (75%)
- Blue (38%)



- Red (73%)
- Yellow (96%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (61%)
- Black (4%)




- Cyan (4%)
- Magenta (25%)
- Yellow (62%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6732, 5.6361, 38.0576 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 75.6732, 5.6361, 38.0576 by changing the saturation by 10% instead.



 75.6732, 5.6361,  
38.0576


 75.6732, 5.6361,  
38.0576


203.5803, 2.4244,  
67.0541

 64.2026, 5.7553,  
34.3042


 100.4265, 5.2233,  
45.1294

 53.3768, 5.8159,  
30.3674


 113.6503, 4.9451,  
48.4894

 43.2389, 5.8071,  
26.2142

 127.4085, 4.6223,  
51.7549

 33.8390, 5.7192,  
21.8089

 141.6809, 4.2578,  
54.9389

 25.2407, 5.5388,  
17.6685

156.4497, 3.8538,  
58.0524

 17.5269, 5.2469,  
12.2688

171.6988, 3.4124,

 10.8138, 4.8143,

61.1045

7.5697

187.4135, 2.9354,  
64.1028

■ 1.9102, 23.1149,  
1.3372

0.0000, NaN, NaN

■ 75.6732, 5.6361,  
38.0576

■ 75.6732, 5.6361,  
38.0576

■ 72.8210, 8.9593,  
40.1198

■ 78.6751, 2.7585,  
34.9914

■ 70.1176, 12.7245,  
41.1725

■ 81.8151, 0.3374,  
30.9476

■ 67.5675, 16.8950,  
41.2554

■ 85.0883, -1.6392,  
25.9708

■ 65.3910, 20.9315,  
40.6601

■ 88.4880, -3.1862,  
20.1131

92.0072, -4.3225,  
13.4308

95.6392, -5.0695,  
5.9806

98.9339, -7.8861,  
4.1272

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.



75.6750, 32.2674, 32.5479



75.6732, 5.6361, 38.0576



75.6750, -20.2911, 37.1692

# Triad

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



75.6750, 5.6327, 38.0584



75.6750, -46.5425, -13.8877



75.6750, 38.8758, -34.9547

# Complementary

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



75.6732, 5.6361, 38.0576



56.2102, 5.4299, -57.2339

# 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.



75.6750, 13.7058, -57.7458



75.6732, 5.6361, 38.0576



75.6750, -34.5794, -42.9615

# Square

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



75.6750, 5.6327, 38.0584



75.6750, -48.0799, 12.5613



75.6750, -13.2536, -61.0978



75.6750, 53.1481, -5.4236



# Rectangle

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



75.6732, 5.6361, 38.0576



75.6750, -33.8636, 32.9274



75.6750, -13.2536, -61.0978



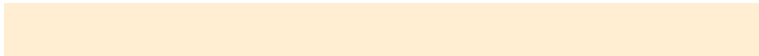
75.6750, 31.2592, -44.0366

# Sweetspot

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



75.6750, 5.6327, 38.0584



93.2413, -3.7104, 18.9915



55.0232, 59.3615, 2.2357



42.6490, -1.5371, 9.6857

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6750, 5.6327, 38.0584



75.2330, 10.1439, 42.1179



91.2862, -28.3080, 48.5665



42.6769, -2.0559, 5.7034



48.0642, 14.7041, 29.8744

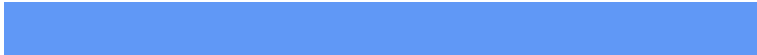


14.9237, 3.0317, 9.2490



# Inverse Universe

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



56.2102, 5.4299, -57.2339



51.7243, 11.7379, -76.3682



43.0862, 39.3252, -92.7400



41.1584, -2.2554, -1.3891



28.0503, 21.1481, -80.7130



9.3910, 3.8135, -19.9702



# Previews

## White Background



This preview shows how the HunterLab color 75.6732, 5.6361, 38.0576 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

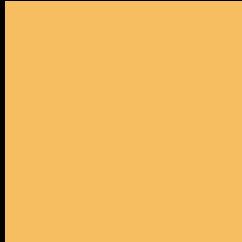
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6732, 5.6361, 38.0576 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 75.6732, 5.6361, 38.0576 Background



This preview shows how black text looks on a background with the HunterLab color 75.6732, 5.6361, 38.0576.



This preview shows how white text looks on a background with the HunterLab color 75.6732, 5.6361,



# 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

75.6732, 5.6361, 38.0576

### Protanopia

75.8825, -8.7678, 37.3817

### Deuteranopia

75.6732, 5.6361, 38.0576



## Tritanopia

75.6051, 24.9749, 7.4599

# Trichromacy



## Original Color

75.6732, 5.6361, 38.0576

## Protanomaly

75.6206, -3.5071, 37.4758

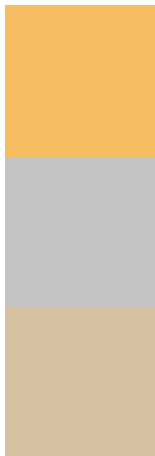
## Deuteranomaly

75.6732, 5.6361, 38.0576

## Tritanomaly

75.3955, 16.9478, 21.3172

# Monochromacy



## Original Color

75.6732, 5.6361, 38.0576

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

74.4431, -2.3082, 19.3431

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6732, 5.6361, 38.0576 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, 190, 96)` looks like.

```
.text, #text, p{  
    color:rgb(246, 190, 96)  
}
```

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, 190, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 190, 96) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6732, 5.6361, 38.0576 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, 190, 96) }
```



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

```
.border{ border-color:rgb(246, 190, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 190, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(246, 190, 96); -webkit-box-shadow:4px 4px 4px 4px rgb(246, 190, 96); box-shadow:4px 4px 4px 4px rgb(246, 190, 96) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6732, 5.6361, 38.0576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 190, 96) }
```

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

```
.background{ background-color: rgb(246,  
190, 96) }
```

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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