

# Converting Colors

HunterLab(75.6200, 2.6449,  
36.7872)

Have a look what the booklet for  
HunterLab(75.6200, 2.6449,  
36.7872) contains.

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# Color

**HunterLab(75.6200, 2.6449,  
36.7872)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C066
RGB	240, 192, 102
RGB Percent	94%, 75%, 40%
CMY	0.0588, 0.2470, 0.6000
CMYK	0.00, 0.20, 0.57, 0.06
HSL	39°, 82%, 67%
HSV	39°, 57%, 94%
XYZ	57.1831, 57.1838, 20.5940
YIQ	196.0920, 57.4980, -17.8140

# Conversions

## Conversions Part 2

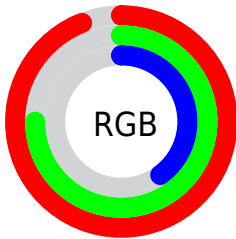
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 240, 102
Decimal	15777894
CIE <sub>Lab</sub>	80.28, 7.08, 51.20
CIE <sub>LCh</sub>	80, 51.689, 82.125
Yxy	57.1866, 0.4237, 0.4237
Android (android.graphics.Color)	4293967974 (0xFFFF0C066)
YUV	196.0920, -46.3874, 38.5073
Hunter-Lab	75.6200, 2.6449, 36.7872

# Details

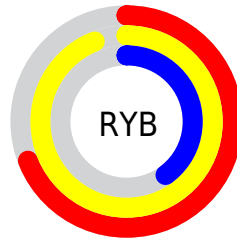
The HunterLab color **75.6200, 2.6449, 36.7872** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **55.6124, 5.7534, -53.5203**, and the grayscale version is **74.5114, -3.9757, 4.0483**.

A 20% lighter version of the original color is **95.2688, -15.4724, 39.1342**, and **53.4116, 3.0665, 29.4890** is the 20% darker color. If you saturate the color by 10%, you get **72.9486, 5.4042, 39.1866**, and if you desaturate by 10%, it is **78.4244, 0.3170, 33.4070**.

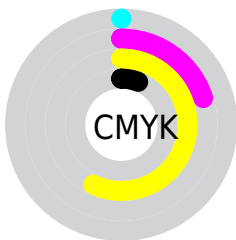
# Distribution



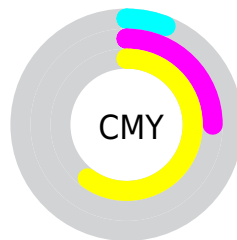
- Red (94%)
- Green (75%)
- Blue (40%)



- Red (69%)
- Yellow (94%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (57%)
- Black (6%)



- Cyan (6%)
- Magenta (25%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.6200, 2.6449, 36.7872 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 75.6200, 2.6449, 36.7872 by changing the saturation by 10% instead.



75.6200, 2.6449,  
36.7872

75.6200, 2.6449,  
36.7872

203.5063, -1.6530,  
64.4244

64.1522, 2.9103,  
33.2245

100.3680, 1.9597,  
43.5067

53.3294, 3.1246,  
29.4889

113.5894, 1.5533,  
46.7035

43.1947, 3.2787,  
25.5467

127.3451, 1.1070,  
49.8133

33.7983, 3.3645,  
21.3590

141.6153, 0.6231,  
52.8485

25.2038, 3.3712,  
17.4760

156.3819, 0.1036,  
55.8193

17.4942, 3.2829,  
12.2459

171.6289, -0.4499,

10.7860, 3.0745,

58.7343

7.5502

187.3415, -1.0359,  
61.6006

■ 1.7745, 17.2958,  
1.2422

0.0000, NaN, NaN

■ 75.6200, 2.6449,  
36.7872

■ 75.6200, 2.6449,  
36.7872

■ 72.9486, 5.4042,  
39.1866

■ 78.4244, 0.3170,  
33.4070

■ 70.4084, 8.5956,  
40.5966

■ 81.3518, -1.5717,  
29.0711

■ 68.0029, 12.1919,  
41.0454

■ 84.3985, -3.0334,  
23.8208

■ 65.7296, 16.1418,  
40.6294

■ 87.5591, -4.0827,  
17.7040

65.1774, 17.1576,  
40.4624

90.8279, -4.7372,  
10.7725

94.1994, -5.0166,  
3.0789

97.1526, -7.7719,  
1.9920

98.6231, -10.1591,  
3.7172

# Harmonies

## Analogous

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



75.6218, 27.6994, 31.9899



75.6200, 2.6449, 36.7872



75.6218, -21.2600, 35.3468

# Triad

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



75.6218, 2.6417, 36.7880



75.6218, -43.5201, -15.1514



75.6218, 37.6424, -29.5732

# Complementary

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



75.6200, 2.6449, 36.7872



55.6124, 5.7534, -53.5203

# 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.



75.6218, 14.8757, -51.4835



75.6200, 2.6449, 36.7872



75.6218, -31.2767, -41.4511

# Square

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



75.6218, 2.6417, 36.7880



75.6218, -45.9070, 10.1015



75.6218, -10.4956, -56.4197



75.6218, 49.5456, -2.4020



# Rectangle

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



75.6200, 2.6449, 36.7872



75.6218, -33.5818, 30.7288



75.6218, -10.4956, -56.4197



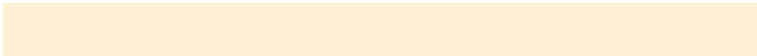
75.6218, 30.8760, -38.1174

# Sweetspot

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



75.6218, 2.6417, 36.7880



93.9527, -4.4136, 18.6546



54.9910, 53.7819, 3.5795



43.1462, -1.9549, 9.2785

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.6218, 2.6417, 36.7880



77.6680, 6.3471, 42.3157



88.5358, -28.1993, 45.6432



41.8088, -2.1505, 5.6587



48.4904, 12.1678, 30.0926



14.6334, 2.2685, 9.0567



# Inverse Universe

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



55.6124, 5.7534, -53.5203



52.6418, 11.9493, -73.9092



44.7029, 35.9927, -81.1624



40.1594, -2.0656, -1.4537



26.6349, 23.3213, -83.6352



8.7734, 4.1350, -19.8923



# Previews

## White Background



This preview shows how the HunterLab color 75.6200, 2.6449, 36.7872 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

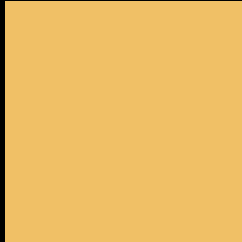
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.6200, 2.6449, 36.7872 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 75.6200, 2.6449, 36.7872 Background



This preview shows how black text looks on a background with the HunterLab color 75.6200, 2.6449, 36.7872.



This preview shows how white text looks on a background with the HunterLab color 75.6200, 2.6449,



# 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

75.6200, 2.6449, 36.7872

### Protanopia

75.8578, -8.6982, 36.1453

### Deuteranopia

75.6430, 5.7132, 36.6530



## Tritanopia

75.4615, 21.8989, 6.3169

# Trichromacy



## Original Color

75.6200, 2.6449, 36.7872

## Protanomaly

75.6722, -4.7096, 36.2850

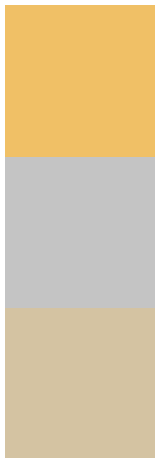
## Deuteranomaly

75.6938, 4.4075, 36.6682

## Tritanomaly

75.2885, 13.9076, 20.0827

# Monochromacy



## Original Color

75.6200, 2.6449, 36.7872

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

74.5895, -3.2473, 18.7338

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.6200, 2.6449, 36.7872 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(240, 192, 102)` looks like.

```
.text, #text, p{  
    color:rgb(240, 192, 102)  
}
```

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(240, 192, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 192, 102) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.6200, 2.6449, 36.7872 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(240, 192, 102) }
```



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

```
.border{ border-color:rgb(240, 192, 102) }
```

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

Here you see how a box with a 4 pixel rgb(240, 192, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 192, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 192, 102);  
box-shadow:4px 4px 4px 4px rgb(240, 192,  
102) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.6200, 2.6449, 36.7872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 192, 102) }
```

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

```
.background{ background-color: rgb(240,  
192, 102) }
```

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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