

# Converting Colors

HunterLab(74.0074, 5.9914,  
38.1741)

Have a look what the booklet for  
HunterLab(74.0074, 5.9914,  
38.1741) contains.

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# Color

**HunterLab(74.0903, 6.0395,  
38.1966)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3BA59
RGB	243, 186, 89
RGB Percent	95%, 73%, 35%
CMY	0.0471, 0.2706, 0.6510
CMYK	0.00, 0.23, 0.63, 0.05
HSL	38°, 87%, 65%
HSV	38°, 63%, 95%
XYZ	56.3242, 54.8937, 17.0781
YIQ	191.9850, 65.1090, -18.0830

# Conversions

## Conversions Part 2

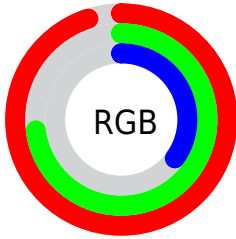
Format	Color
<a href="#">RYB</a>	<a href="#">179, 243, 89</a>
Decimal	<a href="#">15972953</a>
<a href="#">CIELab</a>	<a href="#">78.98, 10.57, 55.90</a>
<a href="#">CIElCh</a>	<a href="#">79, 56.891, 79.289</a>
<a href="#">Yxy</a>	<a href="#">54.8964, 0.4390, 0.4279</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294163033 (0xFFFF3BA59)</a>
<a href="#">YUV</a>	<a href="#">191.9850, -50.7716, 44.7402</a>
<a href="#">Hunter-Lab</a>	<a href="#">74.0903, 6.0395, 38.1966</a>

# Details

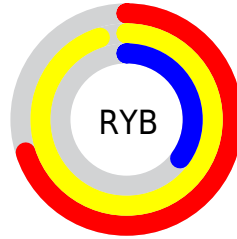
The HunterLab color **74.0903, 6.0395, 38.1966** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **53.9921, 6.5989, -59.7285**, and the grayscale version is **72.7862, -3.8837, 3.9546**.

A 20% lighter version of the original color is **93.1221, -13.6906, 40.8480**, and **51.9324, 6.1646, 30.2029** is the 20% darker color. If you saturate the color by 10%, you get **71.3318, 9.3780, 39.9991**, and if you desaturate by 10%, it is **76.9959, 3.1376, 35.4003**.

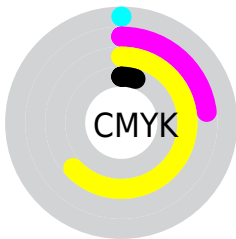
# Distribution



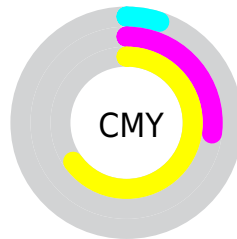
- Red (95%)
- Green (73%)
- Blue (35%)



- Red (70%)
- Yellow (95%)
- Blue (35%)



- Cyan (0%)
- Magenta (23%)
- Yellow (63%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 74.0903, 6.0395, 38.1966 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 74.0903, 6.0395, 38.1966 by changing the saturation by 10% instead.




 74.0903, 6.0395,  
38.1966


 74.0903, 6.0395,  
38.1966

201.3751, 3.0176,  
68.0369

 62.7047, 6.1321,  
34.3164


 98.6860, 5.6755,  
45.4963

 51.9690, 6.1642,  
30.2433


 111.8361, 5.4199,  
48.9594

 41.9274, 6.1246,  
25.9443

 125.5234, 5.1188,  
52.3219

 32.6316, 6.0029,  
21.4055

 139.7276, 4.7750,  
55.5976

 24.1471, 5.7851,  
16.9030

154.4305, 4.3910,  
58.7980

 16.5604, 5.4505,  
11.5923

169.6157, 3.9689,

 9.9941, 4.9678,

61.9328

6.9958

185.2684, 3.5106,  
65.0101

0.0000, INF, NaN

0.0000, NaN, NaN

■ 74.0903, 6.0395,  
38.1966

■ 74.0903, 6.0395,  
38.1966

■ 71.3318, 9.3780,  
39.9991

■ 76.9959, 3.1376,  
35.4003

■ 68.7191, 13.1459,  
40.8113

■ 80.0377, 0.6858,  
31.6306

■ 66.2554, 17.3015,  
40.6869


■ 83.2113, -1.3256,  
26.9278


■ 64.6986, 20.2118,  
40.2208


■ 86.5101, -2.9099,  
21.3410

■ 89.9273, -4.0847,

14.9246

 93.4566, -4.8704,  
7.7341

 96.9539, -6.0434,  
1.7815

 98.8911, -9.2148,  
4.0530

# Harmonies

## Analogous

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



74.0921, 33.4145, 32.7428



74.0903, 6.0395, 38.1966



74.0921, -20.4855, 37.3430

# Triad

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



74.0921, 6.0361, 38.1973



74.0921, -47.2157, -14.3960



74.0921, 40.0962, -36.4058

# Complementary

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



74.0903, 6.0395, 38.1966



53.9921, 6.5989, -59.7285

# 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.



74.0921, 14.1600, -60.1338



74.0903, 6.0395, 38.1966



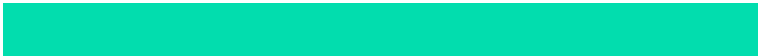
74.0921, -35.1332, -44.5779

# Square

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



74.0921, 6.0361, 38.1973



74.0921, -48.7376, 12.7128



74.0921, -13.4477, -63.5712



74.0921, 54.8840, -5.8432



# Rectangle

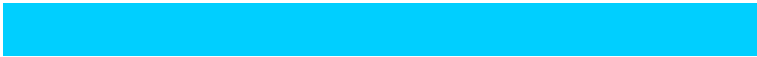
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0903, 6.0395, 38.1966



74.0921, -34.3067, 33.1713



74.0921, -13.4477, -63.5712



74.0921, 32.2320, -45.8531

# Sweetspot

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



74.0921, 6.0361, 38.1973



92.9254, -3.6622, 19.7155



53.2344, 60.6885, 2.6451



42.5161, -1.5179, 9.9969

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



74.0921, 6.0361, 38.1973



74.5520, 10.9849, 42.5973



89.9083, -28.4594, 48.6698



42.6877, -2.0739, 5.7150



48.2084, 14.4132, 29.9581



14.9626, 2.9571, 9.2717



# Inverse Universe

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



53.9921, 6.5989, -59.7285



49.9727, 13.8623, -81.2116



40.9147, 41.0008, -96.9460



41.1476, -2.2374, -1.4024



27.9188, 21.4736, -81.2514



9.3530, 3.8943, -20.0971



# Previews

## White Background



This preview shows how the HunterLab color 74.0903, 6.0395, 38.1966 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 74.0903, 6.0395, 38.1966 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 74.0903, 6.0395, 38.1966 Background



This preview shows how black text looks on a background with the HunterLab color 74.0903, 6.0395, 38.1966.



This preview shows how white text looks on a background with the HunterLab color 74.0903, 6.0395,



# 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

74.0903, 6.0395, 38.1966

### Protanopia

74.1649, -8.7579, 37.4523

### Deuteranopia

73.9705, 5.6384, 38.1035



## Tritanopia

74.0563, 25.3832, 7.5330

# Trichromacy



**Original Color**

74.0903, 6.0395, 38.1966

**Protanomaly**

73.9076, -3.5028, 37.5402

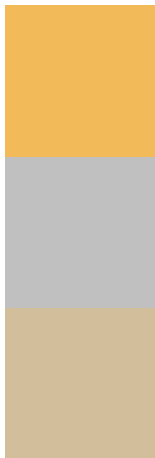
**Deuteranomaly**

73.9705, 5.6384, 38.1035

**Tritanomaly**

73.8218, 17.2965, 21.5869

# Monochromacy



**Original Color**

74.0903, 6.0395, 38.1966

**Achromatopsia**

72.6027, -3.8739, 3.9446

**Achromatomaly**

72.8302, -1.9815, 19.5979

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 74.0903, 6.0395, 38.1966 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(243, 186, 89)` looks like.

```
.text, #text, p{  
    color:rgb(243, 186, 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(243, 186, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 186, 89) }
```

## Border

The CSS property to change the border of an element to HunterLab 74.0903, 6.0395, 38.1966 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(243, 186, 89) }
```



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

```
.border{ border-color:rgb(243, 186, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 186, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 186, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 186, 89);  
box-shadow:4px 4px 4px 4px rgb(243, 186,  
89) }
```

# Background

The CSS property to change the background color of an element to HunterLab 74.0903, 6.0395, 38.1966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 186, 89) }
```

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

```
.background{ background-color: rgb(243,  
186, 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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