

# Converting Colors

HunterLab(76.0685, 0.9051,  
39.1745)

Have a look what the booklet for  
HunterLab(76.0685, 0.9051,  
39.1745) contains.

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# Color

**HunterLab(76.0685, 0.9051,  
39.1745)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0C25B
RGB	240, 194, 91
RGB Percent	94%, 76%, 36%
CMY	0.0588, 0.2392, 0.6431
CMYK	0.00, 0.19, 0.62, 0.06
HSL	41°, 83%, 65%
HSV	41°, 62%, 94%
XYZ	57.1153, 57.8642, 18.0561
YIQ	196.0120, 60.4790, -22.2810

# Conversions

## Conversions Part 2

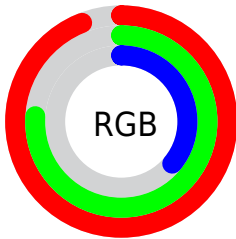
<b>Format</b>	<b>Color</b>
<b>RYB</b>	158, 240, 91
Decimal	15778395
CIELab	80.66, 5.28, 56.78
CIELCh	81, 57.026, 84.692
Yxy	57.8670, 0.4293, 0.4350
Android (android.graphics.Color)	4293968475 (0xFFFF0C25B)
YUV	196.0120, -51.7709, 38.5775
Hunter-Lab	76.0685, 0.9051, 39.1745

# Details

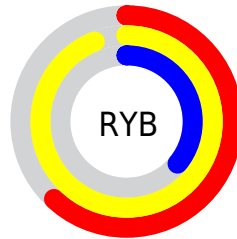
The HunterLab color **76.0685, 0.9051, 39.1745** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **51.3865, 10.7681, -63.2644**, and the grayscale version is **74.4987, -3.9751, 4.0477**.

A 20% lighter version of the original color is **95.7313, -17.5052, 42.3412**, and **53.8582, 1.5794, 31.2881** is the 20% darker color. If you saturate the color by 10%, you get **73.6890, 3.3848, 41.1932**, and if you desaturate by 10%, it is **78.5684, -1.1506, 36.1529**.

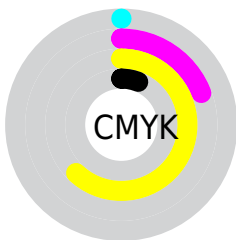
# Distribution



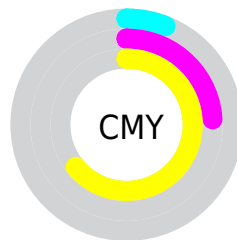
- Red (94%)
- Green (76%)
- Blue (36%)



- Red (62%)
- Yellow (94%)
- Blue (36%)



- Cyan (0%)
- Magenta (19%)
- Yellow (62%)
- Black (6%)



- Cyan (6%)
- Magenta (24%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.0685, 0.9051, 39.1745 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 76.0685, 0.9051, 39.1745 by changing the saturation by 10% instead.



76.0685, 0.9051,  
39.1745

76.0685, 0.9051,  
39.1745

204.1299, -4.0454,  
69.2785

64.5769, 1.2587,  
35.2685

100.8608, 0.0554,  
46.5305

53.7288, 1.5663,  
31.1722

114.1029, -0.4281,  
50.0231

43.5670, 1.8195,  
26.8534

127.8786, -0.9485,  
53.4153

34.1415, 2.0116,  
22.2806

142.1680, -1.5041,  
56.7209

25.5151, 2.1336,  
17.8605

156.9531, -2.0930,  
59.9512

17.7700, 2.1721,  
12.4390

172.2181, -2.7137,

11.0210, 2.1062,

63.1157

7.7147

187.9481, -3.3649,  
66.2225

■ 2.7128, 8.3293,  
1.8990

0.0000, NaN, NaN

■ 76.0685, 0.9051,  
39.1745

■ 76.0685, 0.9051,  
39.1745

■ 73.6890, 3.3848,  
41.1932

■ 78.5684, -1.1506,  
36.1529

■ 71.4254, 6.2819,  
42.2245

■ 81.1810, -2.7679,  
32.1347

■ 69.2777, 9.5605,  
42.3286

■ 83.9048, -3.9536,  
27.1465

■ 67.6511, 12.3652,  
41.9028

■ 86.7359, -4.7171,  
21.2256

89.6702, -5.0724,  
14.4159

92.7033, -5.0359,  
6.7657

95.6947, -5.3710,  
0.2561

98.0657, -9.2581,  
3.0662

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.



76.0703, 29.0514, 34.8601



76.0685, 0.9051, 39.1745



76.0703, -24.9579, 37.1781

# Triad

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



76.0703, 0.9018, 39.1752



76.0703, -46.4704, -20.0702



76.0703, 44.1904, -31.1362

# Complementary

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



76.0685, 0.9051, 39.1745



51.3865, 10.7681, -63.2644

# 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.



76.0703, 19.3631, -57.3732



76.0685, 0.9051, 39.1745



76.0703, -32.3318, -49.5512

# Square

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



76.0703, 0.9018, 39.1752



76.0703, -49.9631, 8.6582



76.0703, -8.9037, -65.0947



76.0703, 56.2182, -0.6721



# Rectangle

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



76.0685, 0.9051, 39.1745



76.0703, -37.8591, 31.9666



76.0703, -8.9037, -65.0947



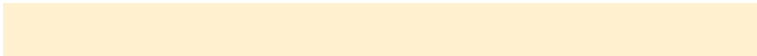
76.0703, 36.9077, -41.1188

# Sweetspot

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



76.0703, 0.9018, 39.1752



93.8559, -5.2136, 20.6332



52.7714, 57.4184, 6.4288



43.0096, -2.3420, 10.4722

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.0703, 0.9018, 39.1752



78.4069, 4.2594, 44.4558



87.8488, -31.0142, 46.9087



41.9377, -2.3646, 5.7960



50.2996, 8.6831, 31.1464



15.1012, 1.4084, 9.3299



# Inverse Universe

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



51.3865, 10.7681, -63.2644



47.8978, 19.0119, -87.2625



42.0093, 41.1404, -89.7425



40.0307, -1.8512, -1.6133



25.1756, 27.2483, -90.2885



8.3505, 5.0880, -21.4209



# Previews

## White Background



This preview shows how the HunterLab color 76.0685, 0.9051, 39.1745 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

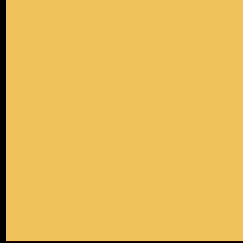
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.0685, 0.9051, 39.1745 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 76.0685, 0.9051, 39.1745 Background



This preview shows how black text looks on a background with the HunterLab color 76.0685, 0.9051, 39.1745.



This preview shows how white text looks on a background with the HunterLab color 76.0685, 0.9051,



# 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

76.0685, 0.9051, 39.1745

### Protanopia

76.2189, -9.2916, 38.7473

### Deuteranopia

76.1517, 5.6731, 39.1404



## Tritanopia

76.1826, 21.5058, 6.2095

# Trichromacy



## Original Color

76.0685, 0.9051, 39.1745

## Protanomaly

76.0387, -5.2730, 38.8674

## Deuteranomaly

76.0818, 3.9606, 39.0601

## Tritanomaly

75.8960, 12.8773, 21.7222

# Monochromacy



## Original Color

76.0685, 0.9051, 39.1745

## Achromatopsia

74.2975, -3.9643, 4.0367

## Achromatomaly

74.4956, -3.7612, 20.0928

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.0685, 0.9051, 39.1745 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, 194, 91)` looks like.

```
.text, #text, p{  
    color:rgb(240, 194, 91)  
}
```

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, 194, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 194, 91) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.0685, 0.9051, 39.1745 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, 194, 91) }
```



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

```
.border{ border-color:rgb(240, 194, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 194, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 194, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 194, 91);  
box-shadow:4px 4px 4px 4px rgb(240, 194,  
91) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.0685, 0.9051, 39.1745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 194, 91) }
```

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

```
.background{ background-color: rgb(240,  
194, 91) }
```

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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