

# Converting Colors

Hex(F0B13C)

Have a look what the booklet for  
Hex(F0B13C) contains.

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# **Color**

**Hex(F0B13C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B13C
RGB	240, 177, 60
RGB Percent	94%, 69%, 24%
CMY	0.0588, 0.3059, 0.7647
CMYK	0.00, 0.26, 0.75, 0.06
HSL	39°, 86%, 59%
HSV	39°, 75%, 94%
XYZ	52.4729, 50.2958, 11.2174
YIQ	182.4990, 75.1050, -23.0310

# Conversions

## Conversions Part 2

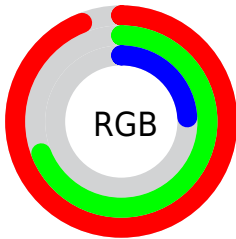
Format	Color
<a href="#">RYB</a>	<a href="#">157, 240, 60</a>
Decimal	<a href="#">15774012</a>
CIELab	<a href="#">76.25, 12.54, 65.29</a>
CIElCh	<a href="#">76, 66.489, 79.126</a>
Yxy	<a href="#">50.2958, 0.4603, 0.4412</a>
Android (android.graphics.Color)	<a href="#">4293964092</a> (0xFFFF0B13C)
YUV	<a href="#">182.4990, -60.3920, 50.4284</a>
Hunter-Lab	<a href="#">70.9195, 7.9619, 40.2657</a>

# Details

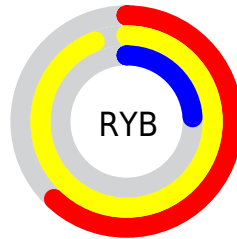
The Hex color **F0B13C** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **3C7BF0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFE873**, and **B37D00** is the 20% darker color. If you saturate the color by 10%, you get **F0A924**, and if you desaturate by 10%, it is **F0B954**.

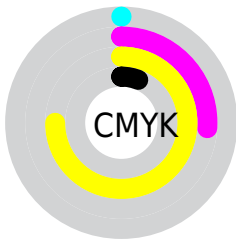
# Distribution



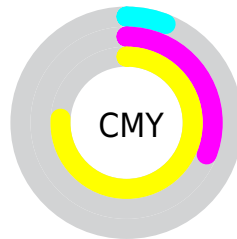
- Red (94%)
- Green (69%)
- Blue (24%)



- Red (62%)
- Yellow (94%)
- Blue (24%)



- Cyan (0%)
- Magenta (26%)
- Yellow (75%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B13C 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 Hex color F0B13C by changing the saturation by 10% instead.



 F0B13C

 F0B13C

FFFFFF

 D1961E

 FFE873

 B37D00

 FFFF8E

 966400

 FFFFAA

 794C00

 FFFFC6

 5C3600

 FFFFEE

 412000

 280C00

 000000

 F0B13C

 F0B13C

 F0A924

 F0B954

 F0A00C

 F0C26C

 F09C00

 F0CA84

 F0D39C

 F0DBB4

 F0E3CC

 F0ECE4

 F0F4FC

 F0FDFF

# Harmonies

## Analogous

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



FF9961



F0B13C



B7C53E

# Triad

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



F0B13C



00DAE2



F19BFF

# Complementary

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



F0B13C



3C7BF0

# 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.



96B5FF



F0B13C



00D5FF

# Square

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



F0B13C



00D9A3



00C9FF



FF87D5

# Rectangle

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



F0B13C



89CE57



00C9FF



D8A4FF

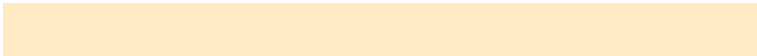


# Sweetspot

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



F0B13C



FFEAC4



F03C7B



80735C



000000



808080



# Same Dimension

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



F0B13C



FFAF19



D5F03C



78746C



B87700



382400



# Inverse Universe

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



3C7BF0



196AFF



573CF0



6C7078



0040B8



001438



# Previews

## White Background



This preview shows how the Hex color F0B13C looks on a white background.

## Color Contrast Check

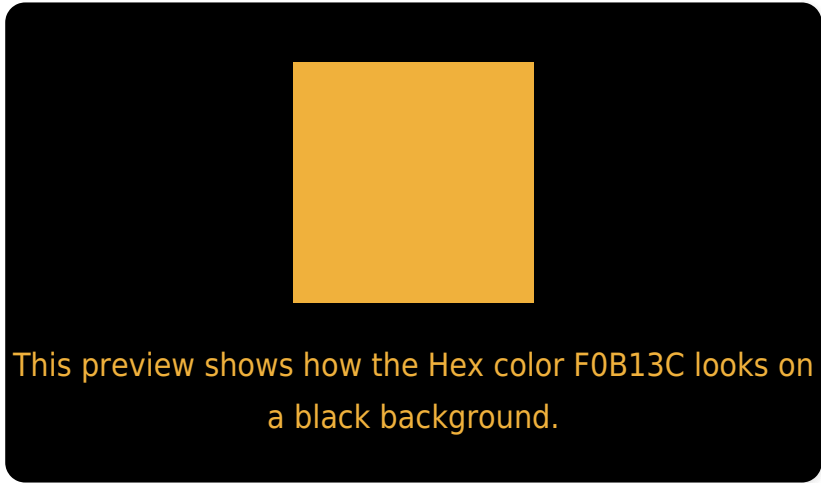
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex F0B13C Background



This preview shows how black text looks on a background with the Hex color F0B13C.

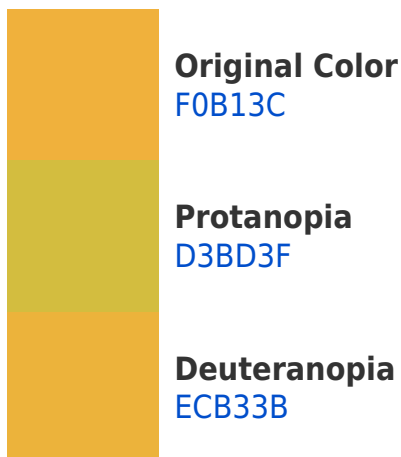


This preview shows how white text looks on a background with the Hex color F0B13C.

# 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](#).

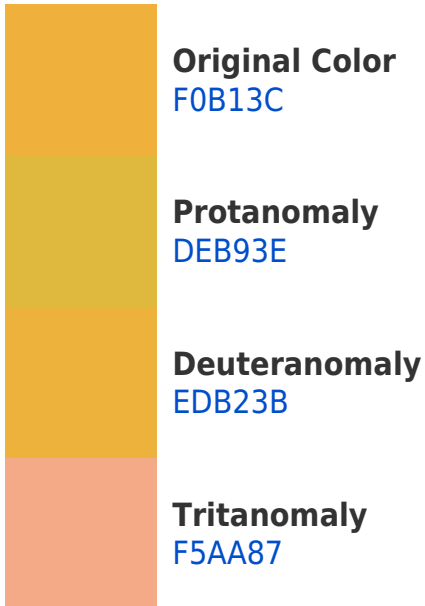
## Dichromacy





**Tritanopia**  
F8A6B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B13C 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 #F0B13C looks like.

```
.text, #text, p{  
    color:#F0B13C  
}
```

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 #F0B13C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B13C
}
```

## Border

The CSS property to change the border of an element to Hex F0B13C 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
#F0B13C }
```

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

```
.border{ border-color:#F0B13C }
```

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

Here you see how a box with a 4 pixel #F0B13C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B13C; -webkit-box-shadow:4px 4px  
4px 4px #F0B13C; box-shadow:4px 4px 4px  
4px #F0B13C }
```

# Background

The CSS property to change the background color of an element to Hex F0B13C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B13C }
```

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

```
.background{ background-color:#F0B13C }
```

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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