

# Converting Colors

Hex(F0B345)

Have a look what the booklet for  
Hex(F0B345) contains.

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**Color**

**Hex(F0B345)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0B345
RGB	240, 179, 69
RGB Percent	94%, 70%, 27%
CMY	0.0588, 0.2980, 0.7294
CMYK	0.00, 0.25, 0.71, 0.06
HSL	39°, 85%, 61%
HSV	39°, 71%, 94%
XYZ	53.1295, 51.1951, 12.7116
YIQ	184.6990, 71.6660, -21.2780

# Conversions

## Conversions Part 2

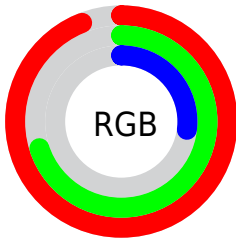
Format	Color
<a href="#">RYB</a>	<a href="#">164, 240, 69</a>
Decimal	<a href="#">15774533</a>
CIELab	<a href="#">76.80, 11.89, 62.25</a>
CIElCh	<a href="#">77, 63.372, 79.185</a>
Yxy	<a href="#">51.1951, 0.4540, 0.4374</a>
Android (android.graphics.Color)	<a href="#">4293964613 (0xFFFF0B345)</a>
YUV	<a href="#">184.6990, -57.0396, 48.4990</a>
Hunter-Lab	<a href="#">71.5508, 7.3299, 39.5521</a>

# Details

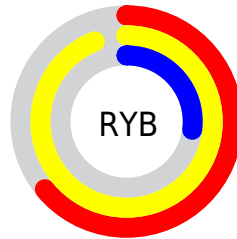
The Hex color **F0B345** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4582F0**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **FFEB7B**, and **B47F02** is the 20% darker color. If you saturate the color by 10%, you get **F0AA2D**, and if you desaturate by 10%, it is **F0BC5D**.

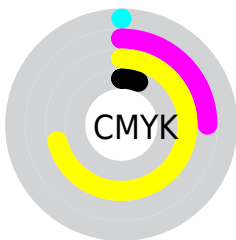
# Distribution



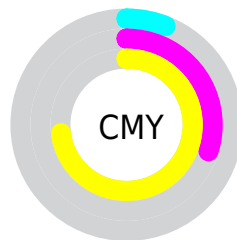
- Red (94%)
- Green (70%)
- Blue (27%)



- Red (64%)
- Yellow (94%)
- Blue (27%)



- Cyan (0%)
- Magenta (25%)
- Yellow (71%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F0B345 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 F0B345 by changing the saturation by 10% instead.



 F0B345

 F0B345

FFFFFF

 D29829

 FFE87B

 B47F02

 FFFF96

 966600

 FFFF82

 7A4E00

 FFFF6E

 5D3700

 FFFF5A

 422200

 280E00

 000000

 F0B345

 F0B345

 F0AA2D

 F0BC5D

 F0A215

 F0C475

 F09A00

 F0CD8D

 F0D5A5

 F0DEBD

 F0E6D5

 F0EFED

 F0F7FF

 F0FFFF

# Harmonies

## Analogous

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



FF9C67



F0B345



B9C647

# Triad

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



F0B345



00DAE2



F09EFF

# Complementary

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



F0B345



4582F0

# 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.



9BB7FF



F0B345



00D6FF

# Square

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



F0B345



00D9A6



00CAFF



FF8CD5

# Rectangle

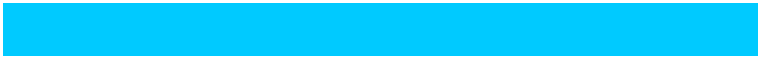
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F0B345



8ECF5E



00CAFF



D9A7FF



# Sweetspot

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



F0B345



FFECC9



F04584



807460



000000



808080



# Same Dimension

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



F0B345



FFB124



D9F045



78746C



B87600



382400



# Inverse Universe

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



4582F0



2472FF



5C45F0



6C7078



0041B8



001438



# Previews

## White Background



This preview shows how the Hex color F0B345 looks on a white background.

## Color Contrast Check

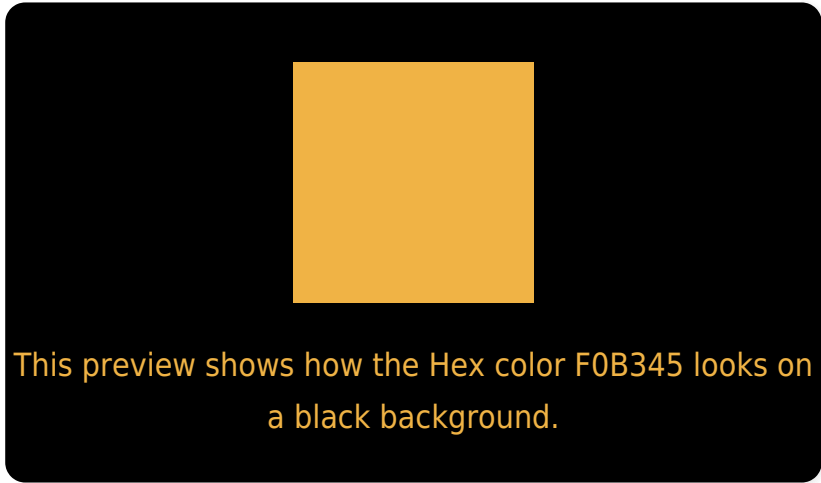
Large Text (above 18pt) WCAG AA × Fail

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 F0B345 Background



This preview shows how black text looks on a background with the Hex color F0B345.

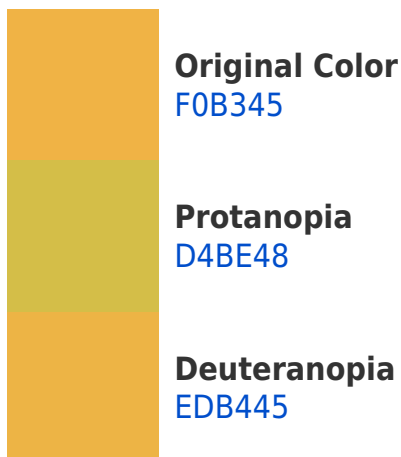


This preview shows how white text looks on a background with the Hex color F0B345.

# 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](#).

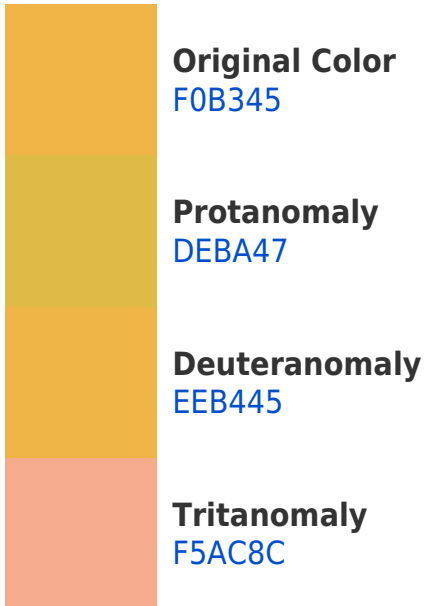
## Dichromacy





**Tritanopia**  
F8A8B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F0B345 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 #F0B345 looks like.

```
.text, #text, p{  
    color:#F0B345  
}
```

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 #F0B345 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B345
}
```

## Border

The CSS property to change the border of an element to Hex F0B345 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
#F0B345 }
```

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

```
.border{ border-color:#F0B345 }
```

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

Here you see how a box with a 4 pixel #F0B345 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B345; -webkit-box-shadow:4px 4px  
4px 4px #F0B345; box-shadow:4px 4px 4px  
4px #F0B345 }
```

# Background

The CSS property to change the background color of an element to Hex F0B345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B345 }
```

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

```
.background{ background-color:#F0B345 }
```

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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