

# Converting Colors

Hex(FBC73D)

Have a look what the booklet for  
Hex(FBC73D) contains.

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**Color**

**Hex(FBC73D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBC73D
RGB	251, 199, 61
RGB Percent	98%, 78%, 24%
CMY	0.0157, 0.2196, 0.7608
CMYK	0.00, 0.21, 0.76, 0.02
HSL	44°, 96%, 61%
HSV	44°, 76%, 98%
XYZ	61.0494, 61.6930, 13.1052
YIQ	198.8160, 75.2900, -31.8940

# Conversions

## Conversions Part 2

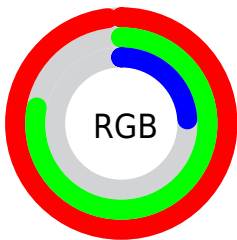
Format	Color
<a href="#">RYB</a>	<a href="#">133, 251, 61</a>
Decimal	<a href="#">16500541</a>
CIELab	<a href="#">82.75, 5.76, 71.51</a>
CIELCh	<a href="#">83, 71.743, 85.396</a>
Yxy	<a href="#">61.6930, 0.4494, 0.4541</a>
Android (android.graphics.Color)	<a href="#">4294690621</a> ( <a href="#">0xFFFB73D</a> )
YUV	<a href="#">198.8160, -67.9433, 45.7654</a>
Hunter-Lab	<a href="#">78.5449, 1.2864, 45.0889</a>

# Details

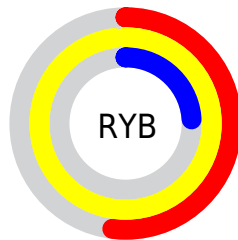
The Hex color **FBC73D** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3D71FB**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF76**, and **BE9200** is the 20% darker color. If you saturate the color by 10%, you get **FBC024**, and if you desaturate by 10%, it is **FBCE56**.

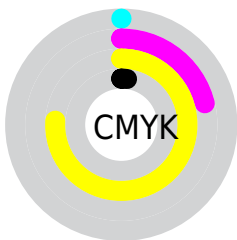
# Distribution



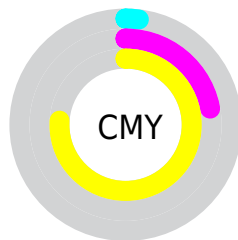
- Red (98%)
- Green (78%)
- Blue (24%)



- Red (52%)
- Yellow (98%)
- Blue (24%)



- Cyan (0%)
- Magenta (21%)
- Yellow (76%)
- Black (2%)



- Cyan (2%)
- Magenta (22%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FBC73D 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 FBC73D by changing the saturation by 10% instead.



 FBC73D

 FBC73D

FFFFFF

 DCAC1C

 FFFF76

 BE9200

 FFFF92

 A07800

 FFFFAE


 836000

 FFFF CB

 664800

 FFFF E8

 4B3200

 311D00

 180500

 000000

 FBC73D

 FBC73D

 FBC024

 FBCE56

 FBB90B

 FBD56F

 FBB600

 FBDC88

 FBE2A1

 FBE9BB

 FBF0D4

 FBF7ED

 FBFEFF

 FBFFFF

# Harmonies

## Analogous

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



FFAD5F



FBC73D



BADB4A

# Triad

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



FBC73D



00EEFF



FFA4FF

# Complementary

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



FBC73D



3D71FB

# 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.



BEC0FF



FBC73D



00E8FF

# Square

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



FBC73D



00EEC1



00D9FF



FF91DB

# Rectangle

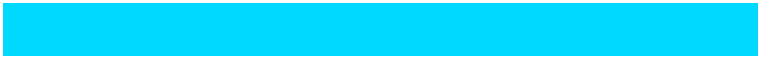
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FBC73D



84E56A



00D9FF



FEADFF

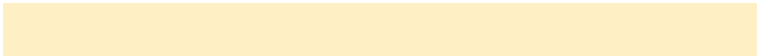


# Sweetspot

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



FBC73D



FFEFC4



FB3D73



80765C



000000



808080



# Same Dimension

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



FBC73D



FFBF17



D2FB3D



7D7A70



BD8900



3D2C00



# Inverse Universe

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



3D71FB



1756FF



663DFB



70747D



0034BD



00113D



# Previews

## White Background



This preview shows how the Hex color FBC73D looks on a white background.

## Color Contrast Check

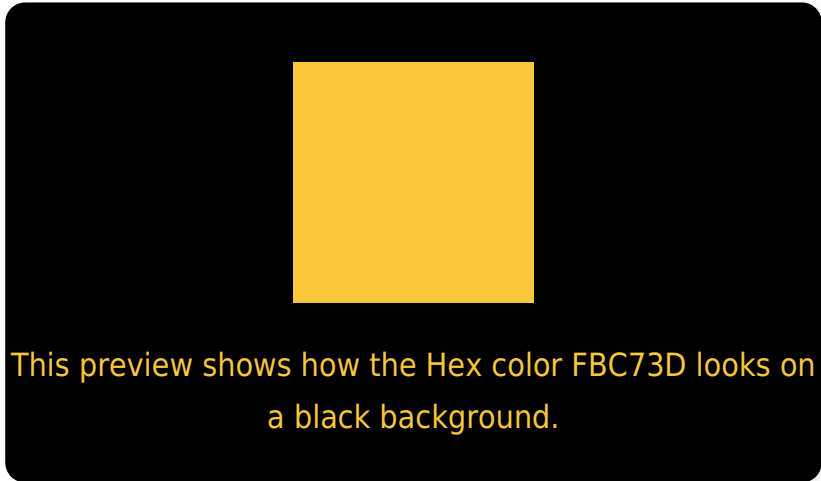
Large Text (above 18pt) WCAG AA × Fail

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 FBC73D Background



This preview shows how black text looks on a background with the Hex color FBC73D.

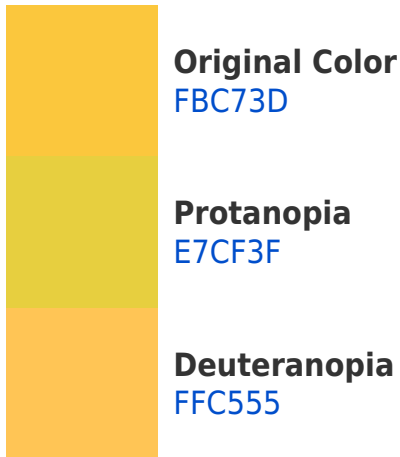


This preview shows how white text looks on a background with the Hex color FBC73D.

# Color Blindness Simulation

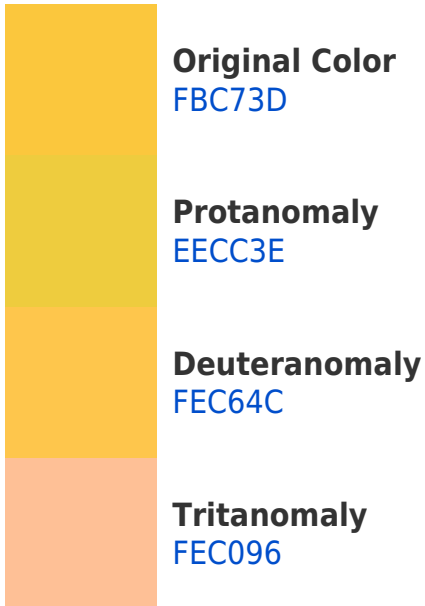
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

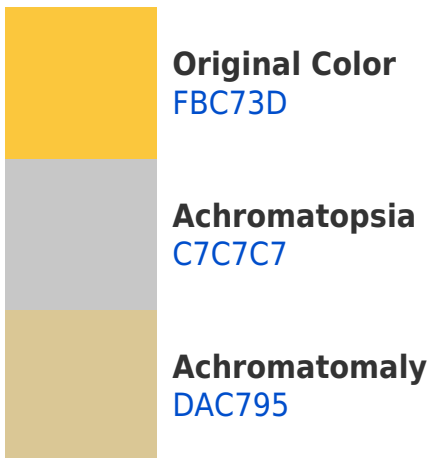




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex FBC73D 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 #FBC73D looks like.

```
.text, #text, p{  
    color:#FBC73D  
}
```

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 #FBC73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FBC73D
}
```

## Border

The CSS property to change the border of an element to Hex FBC73D 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
#FBC73D }
```

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

```
.border{ border-color:#FBC73D }
```

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

Here you see how a box with a 4 pixel #FBC73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FBC73D; -webkit-box-shadow:4px 4px  
4px 4px #FBC73D; box-shadow:4px 4px 4px  
4px #FBC73D }
```

# Background

The CSS property to change the background color of an element to Hex FBC73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FBC73D }
```

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

```
.background{ background-color:#FBC73D }
```

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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