

Converting Colors

Hex(F7D03B)

Have a look what the booklet for
Hex(F7D03B) contains.

Hex(F7D03B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F7D03B)

Conversions

Conversions Part 1

Format	Color
Hex	F7D03B
RGB	247, 208, 59
RGB Percent	97%, 82%, 23%
CMY	0.0314, 0.1843, 0.7686
CMYK	0.00, 0.16, 0.76, 0.03
HSL	48°, 92%, 60%
HSV	48°, 76%, 97%
XYZ	61.7031, 65.2017, 13.4708
YIQ	202.6750, 71.0730, -38.0710

Conversions

Conversions Part 2

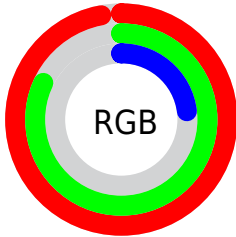
Format	Color
RYB	108, 247, 59
Decimal	16240699
CIELab	84.59, -0.63, 73.77
CIELCh	85, 73.773, 90.488
Yxy	65.2017, 0.4396, 0.4645
Android (android.graphics.Color)	4294430779 (0xFFFF7D03B)
YUV	202.6750, -70.8318, 38.8730
Hunter-Lab	80.7476, -4.9078, 46.6322

Details

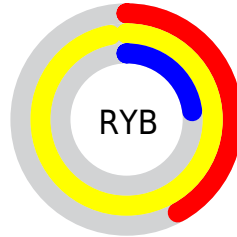
The Hex color **F7D03B** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3B62F7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **FFFF75**, and **BA9A00** is the 20% darker color. If you saturate the color by 10%, you get **F7CB22**, and if you desaturate by 10%, it is **F7D554**.

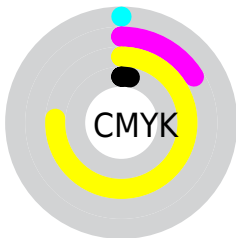
Distribution



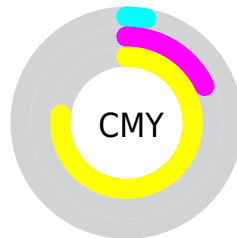
- Red (97%)
- Green (82%)
- Blue (23%)



- Red (42%)
- Yellow (97%)
- Blue (23%)



- Cyan (0%)
- Magenta (16%)
- Yellow (76%)
- Black (3%)



- Cyan (3%)
- Magenta (18%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7D03B 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 F7D03B by changing the saturation by 10% instead.

 F7D03B

 F7D03B

FFFFFF

 D8B517

 FFFF75

 BA9A00

 FFFF91

 9D8000

 FFFFAD

 806800

 FFFFCA

 635000

 FFFFEE

 483900

 2E2400

 151000

 000000

 F7D03B

 F7D03B

 F7CB22

 F7D554

 F7C60A

 F7DA6C

 F7C400

 F7DF85

 F7E49E

 F7EAB6

 F7EFCF

 F7F4E8

 F7F9FF

 F7FEFF

Harmonies

Analogous

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



FFB658



F7D03B



B1E452

Triad

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



F7D03B



00F4FF



FFA3FF

Complementary

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



F7D03B



3B62F7

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.



D6C0FF



F7D03B



00ECFF

Square

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



F7D03B



00F5D2



00DBFF



FF93D5

Rectangle

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



F7D03B



75EC76



00DBFF



FFACFF

Sweetspot

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



F7D03B



FFF3C4



F73B64



80785C



000000



808080

Same Dimension

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



F7D03B



FFCF17



C2F73B



7A786E



BA9400



3B2E00

Inverse Universe

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



3B62F7



1747FF



703BF7



6E717A



0027BA



000C3B

Previews

White Background



This preview shows how the Hex color F7D03B looks on a white background.

Color Contrast Check

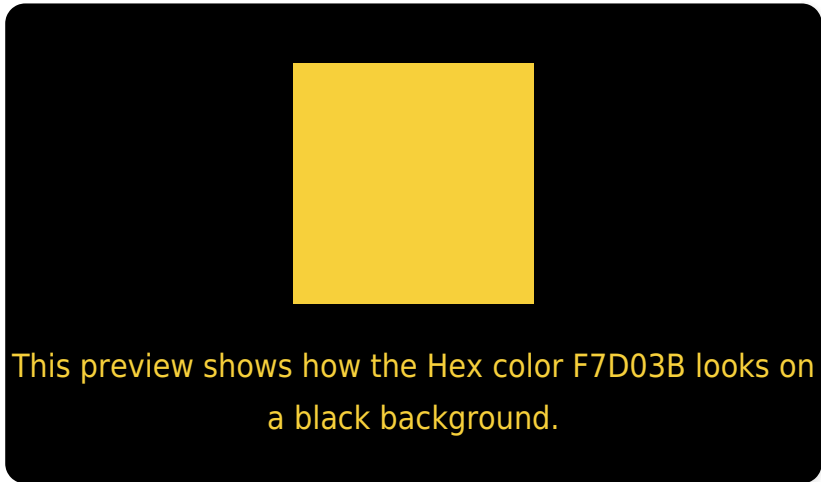
Large Text (above 18pt) WCAG AA × Fail

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 F7D03B Background



This preview shows how black text looks on a background with the Hex color F7D03B.

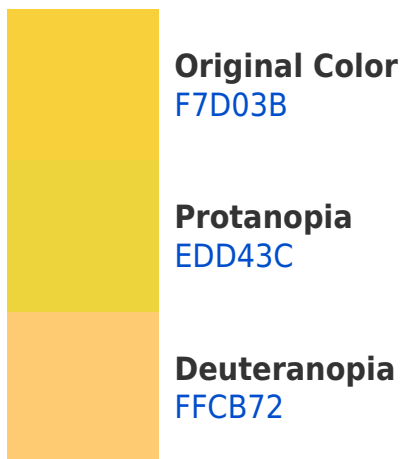


This preview shows how white text looks on a background with the Hex color F7D03B.

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](#).

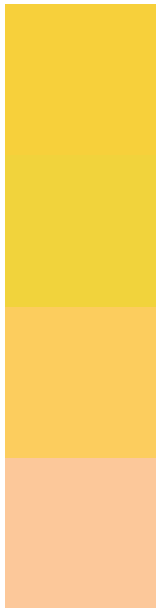
Dichromacy





Tritanopia
FFC3D1

Trichromacy



Original Color
F7D03B

Protanomaly
F1D33C

Deuteranomaly
FCCD5E

Tritanomaly
FCC89A

Monochromacy



Original Color
F7D03B

Achromatopsia
CBCBCB

Achromatomaly
DBCD97

CSS Examples

Text

The CSS property to change the color of the text to Hex F7D03B 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 #F7D03B looks like.

```
.text, #text, p{  
    color:#F7D03B  
}
```

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 #F7D03B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7D03B
}
```

Border

The CSS property to change the border of an element to Hex F7D03B 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
#F7D03B }
```

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

```
.border{ border-color:#F7D03B }
```

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

Here you see how a box with a 4 pixel #F7D03B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7D03B; -webkit-box-shadow:4px 4px  
4px 4px #F7D03B; box-shadow:4px 4px 4px  
4px #F7D03B }
```

Background

The CSS property to change the background color of an element to Hex F7D03B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7D03B }
```

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

```
.background{ background-color:#F7D03B }
```

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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