

Converting Colors

Hex(F7C632)

Have a look what the booklet for
Hex(F7C632) contains.

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Color

Hex(F7C632)

Conversions

Conversions Part 1

Format	Color
Hex	F7C632
RGB	247, 198, 50
RGB Percent	97%, 78%, 20%
CMY	0.0314, 0.2235, 0.8039
CMYK	0.00, 0.20, 0.80, 0.03
HSL	45°, 92%, 58%
HSV	45°, 80%, 97%
XYZ	59.1276, 60.3926, 11.5582
YIQ	195.7790, 76.7120, -35.6400

Conversions

Conversions Part 2

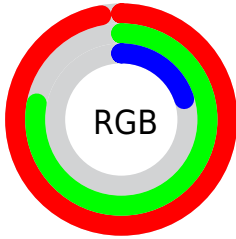
Format	Color
R_{YB}	115, 247, 50
Decimal	16238130
CIE _{Lab}	82.05, 4.19, 74.36
CIE _{LCh}	82, 74.474, 86.771
Yxy	60.3926, 0.4511, 0.4607
Android (android.graphics.Color)	4294428210 (0xFFFF7C632)
YUV	195.7790, -71.8690, 44.9208
Hunter-Lab	77.7127, -0.1857, 45.5807

Details

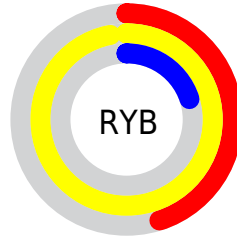
The Hex color **F7C632** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3263F7**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFE6D**, and **BA9100** is the 20% darker color. If you saturate the color by 10%, you get **F7C019**, and if you desaturate by 10%, it is **F7CC4B**.

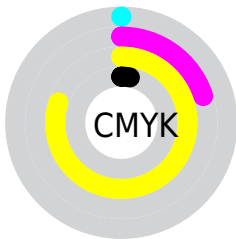
Distribution



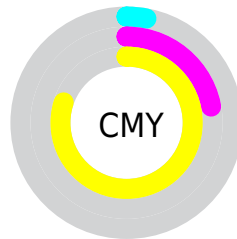
- Red (97%)
- Green (78%)
- Blue (20%)



- Red (45%)
- Yellow (97%)
- Blue (20%)



- Cyan (0%)
- Magenta (20%)
- Yellow (80%)
- Black (3%)



- Cyan (3%)
- Magenta (22%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color F7C632 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 F7C632 by changing the saturation by 10% instead.

 F7C632

 F7C632

FFFFFF

 D8AB05

 FFFE6D

 BA9100

 FFFF89

 9C7700

 FFFFA5

 7F5F00

 FFFF C2

 624700

 FFFF DF

 473100

FFFFFFD

 2D1D00

 140400

 000000

 F7C632

 F7C632

 F7C019

 F7CC4B

 F7BA01

 F7D263

 F7BA00

 F7D87C

 F7DF95

 F7E5AE

 F7EBC6

 F7F1DF

 F7F7F8

 F7FDFF

Harmonies

Analogous

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



FFAB56



F7C632



B3DB43

Triad

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



F7C632



00EDFF



FF9FFF

Complementary

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



F7C632



3263F7

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.



BFBDFF



F7C632



00E6FF

Square

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



F7C632



00EDC2



00D6FF



FF8BD7

Rectangle

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



F7C632



79E467



00D6FF



FFA8FF

Sweetspot

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



F7C632



FFF0C2



F73263



80765B



000000



808080

Same Dimension

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



F7C632



FFC20A



C6F732



7A776E



BA8C00



3B2C00

Inverse Universe

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



3263F7



0A47FF



6332F7



6E717A



002EBA



000F3B

Previews

White Background



This preview shows how the Hex color F7C632 looks on a white background.

Color Contrast Check

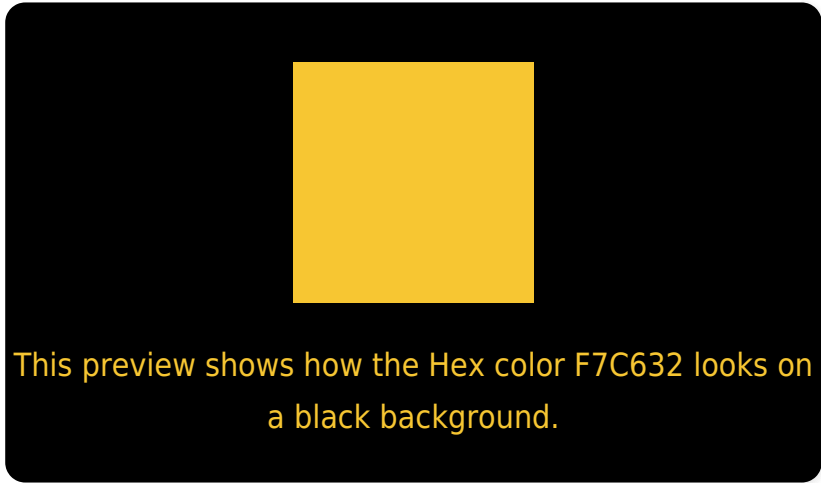
Large Text (above 18pt) WCAG AA × Fail

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 F7C632 Background



This preview shows how black text looks on a background with the Hex color F7C632.



This preview shows how white text looks on a background with the Hex color F7C632.

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
F7C632

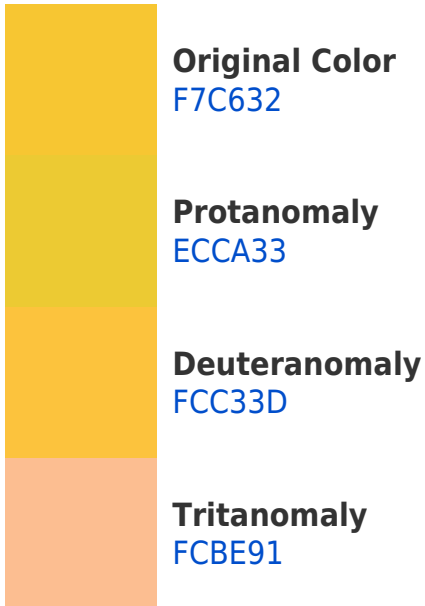
Protanopia
E5CD34

Deuteranopia
FFC243

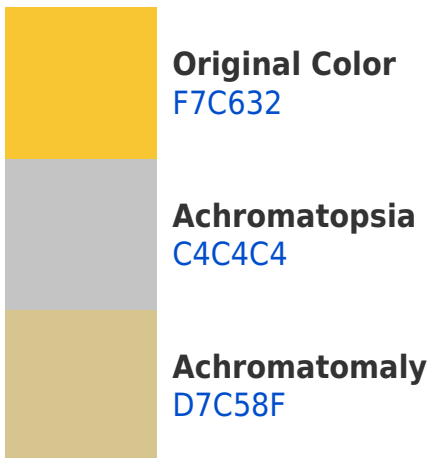


Tritanopia
FFB9C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F7C632 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 #F7C632 looks like.

```
.text, #text, p{  
    color:#F7C632  
}
```

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 #F7C632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7C632
}
```

Border

The CSS property to change the border of an element to Hex F7C632 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
#F7C632 }
```

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

```
.border{ border-color:#F7C632 }
```

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

Here you see how a box with a 4 pixel #F7C632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7C632; -webkit-box-shadow:4px 4px  
4px 4px #F7C632; box-shadow:4px 4px 4px  
4px #F7C632 }
```

Background

The CSS property to change the background color of an element to Hex F7C632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7C632 }
```

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

```
.background{ background-color:#F7C632 }
```

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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