

Converting Colors

Hex(F0C946)

Have a look what the booklet for
Hex(F0C946) contains.

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Color

Hex(F0C946)

Conversions

Conversions Part 1

Format	Color
Hex	F0C946
RGB	240, 201, 70
RGB Percent	94%, 79%, 27%
CMY	0.0588, 0.2118, 0.7255
CMYK	0.00, 0.16, 0.71, 0.06
HSL	46°, 85%, 61%
HSV	46°, 71%, 94%
XYZ	57.9273, 60.7407, 14.4654
YIQ	197.7270, 65.2950, -32.4730

Conversions

Conversions Part 2

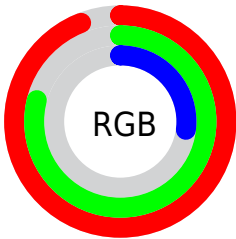
Format	Color
RYB	121, 240, 70
Decimal	15780166
CIELab	82.24, 0.48, 67.33
CIELCh	82, 67.328, 89.595
Yxy	60.7407, 0.4351, 0.4562
Android (android.graphics.Color)	4293970246 (0xFFFF0C946)
YUV	197.7270, -62.9694, 37.0734
Hunter-Lab	77.9364, -3.7159, 43.5509

Details

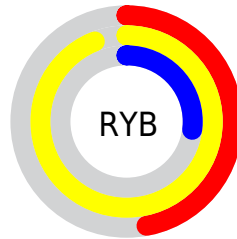
The Hex color **F0C946** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **466DF0**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **FFFF7D**, and **B49300** is the 20% darker color. If you saturate the color by 10%, you get **F0C32E**, and if you desaturate by 10%, it is **F0CF5E**.

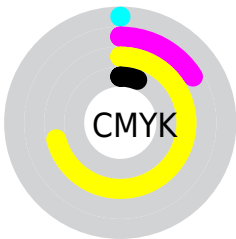
Distribution



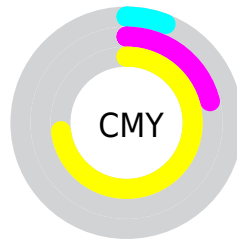
- Red (94%)
- Green (79%)
- Blue (27%)



- Red (47%)
- Yellow (94%)
- Blue (27%)



- Cyan (0%)
- Magenta (16%)
- Yellow (71%)
- Black (6%)



- Cyan (6%)
- Magenta (21%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0C946 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 F0C946 by changing the saturation by 10% instead.

 F0C946

 F0C946

FFFFFF

 D2AE28

 FFFF7D

 B49300

 FFFF99

 977A00

 FFFFB5

 7A6100

 FFFF D2

 5E4A00

 FFFF EF

 433400

 2A1F00

 0D0700

 000000

 F0C946

 F0C946

 F0C32E

 F0CF5E

 F0BE16

 F0D476

 F0B900

 F0DA8E

 F0DFA6

 F0E5BE

 F0EAD6

 F0F0EE

 F0F5FF

 F0FBFF

Harmonies

Analogous

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



FFB15F



F0C946



B1DB58

Triad

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



F0C946



00EBFF



FFA3FF

Complementary

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



F0C946



466DF0

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.



CDBCFF



F0C946



00E3FF

Square

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



F0C946



00EBCA



31D4FF



FF94D0

Rectangle

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



F0C946



7CE377



31D4FF



FFABFF

Sweetspot

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



F0C946



FFF3C9



F0466E



807860



000000



808080

Same Dimension

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



F0C946



FFCD26



C3F046



78756C



B88D00



382B00

Inverse Universe

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



466DF0



2658FF



7346F0



6C6F78



002AB8



000D38

Previews

White Background



This preview shows how the Hex color F0C946 looks on a white background.

Color Contrast Check

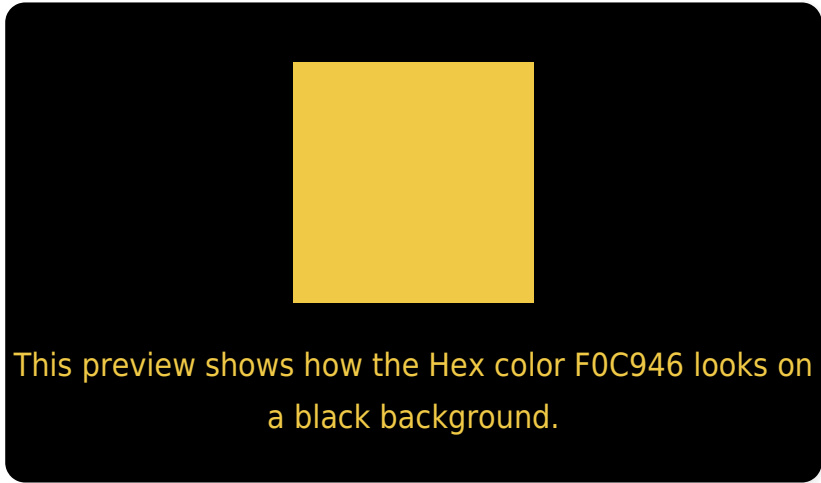
Large Text (above 18pt) WCAG AA × Fail

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 F0C946 Background



This preview shows how black text looks on a background with the Hex color F0C946.

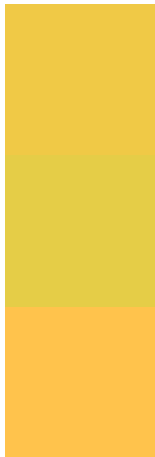


This preview shows how white text looks on a background with the Hex color F0C946.

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
F0C946

Protanopia
E5CD47

Deuteranopia
FFC34C

Trichromacy



Original Color
F0C946

Protanomaly
E9CC47

Deuteranomaly
FAC54A

Tritanomaly
F6C19B

Monochromacy



Original Color
F0C946

Achromatopsia
C6C6C6

Achromatomaly
D5C797

CSS Examples

Text

The CSS property to change the color of the text to Hex F0C946 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 #F0C946 looks like.

```
.text, #text, p{  
    color:#F0C946  
}
```

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 #F0C946 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0C946
}
```

Border

The CSS property to change the border of an element to Hex F0C946 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
#F0C946 }
```

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

```
.border{ border-color:#F0C946 }
```

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

Here you see how a box with a 4 pixel #F0C946 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0C946; -webkit-box-shadow:4px 4px  
4px 4px #F0C946; box-shadow:4px 4px 4px  
4px #F0C946 }
```

Background

The CSS property to change the background color of an element to Hex F0C946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0C946 }
```

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

```
.background{ background-color:#F0C946 }
```

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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