

Converting Colors

Hex(F6B14C)

Have a look what the booklet for
Hex(F6B14C) contains.

Hex(F6B14C)	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(F6B14C)

Conversions

Conversions Part 1

Format	Color
Hex	F6B14C
RGB	246, 177, 76
RGB Percent	96%, 69%, 30%
CMY	0.0353, 0.3059, 0.7020
CMYK	0.00, 0.28, 0.69, 0.04
HSL	36°, 90%, 63%
HSV	36°, 69%, 96%
XYZ	55.0327, 51.5589, 13.8888
YIQ	186.1170, 73.5450, -16.7830

Conversions

Conversions Part 2

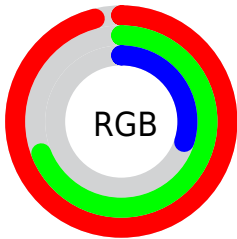
Format	Color
RYB	192, 246, 76
Decimal	16167244
CIELab	77.02, 15.81, 59.70
CIElCh	77, 61.753, 75.169
Yxy	51.5589, 0.4568, 0.4279
Android (android.graphics.Color)	4294357324 (0xFFFF6B14C)
YUV	186.1170, -54.2877, 52.5174
Hunter-Lab	71.8045, 11.1487, 38.7950

Details

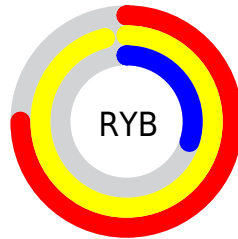
The Hex color **F6B14C** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4C91F6**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **FFE981**, and **B97D12** is the 20% darker color. If you saturate the color by 10%, you get **F6A733**, and if you desaturate by 10%, it is **F6BB65**.

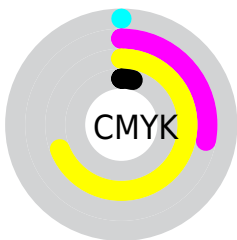
Distribution



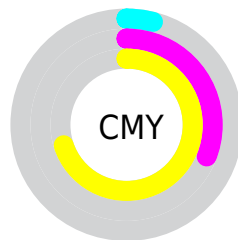
- Red (96%)
- Green (69%)
- Blue (30%)



- Red (75%)
- Yellow (96%)
- Blue (30%)



- Cyan (0%)
- Magenta (28%)
- Yellow (69%)
- Black (4%)



- Cyan (4%)
- Magenta (31%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color F6B14C 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 F6B14C by changing the saturation by 10% instead.

 F6B14C

 F6B14C

FFFFFF

 D79631

 FFE981

 B97D12

 FFFF9D

 9C6400

 FFFFB8

 7F4C00

 FFFF5D

 623500

 FFFFF2

 462000

 2C0B00

 080000

 000000

 F6B14C

 F6B14C

 F6A733

 F6BB65

 F69D1B

 F6C57D

 F69302

 F6CF96

 F69200

 F6D9AE

 F6E3C7

 F6EDE0

 F6F7F8

 F6FFFF

Harmonies

Analogous

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



FF9B6F



F6B14C



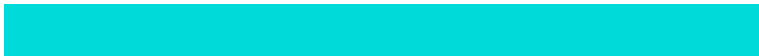
C2C449

Triad

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



F6B14C



00DBDA



E7A3FF

Complementary

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



F6B14C



4C91F6

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.



8FBAFF



F6B14C



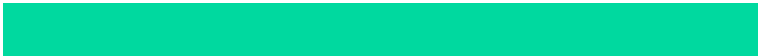
00D7FF

Square

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



F6B14C



00D99F



00CCFF



FF90DD

Rectangle

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



F6B14C



99CE5C



00CCFF



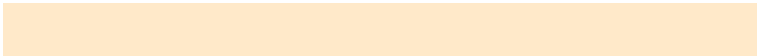
CFABFF

Sweetspot

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



F6B14C



FFE9C9



F64C93



807360



000000



808080

Same Dimension

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



F6B14C



FFA92B



E8F64C



7A756E



BA6F00



3B2300

Inverse Universe

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



4C91F6



2B81FF



5A4CF6



6E737A



004CBA



00183B

Previews

White Background



This preview shows how the Hex color F6B14C looks on a white background.

Color Contrast Check

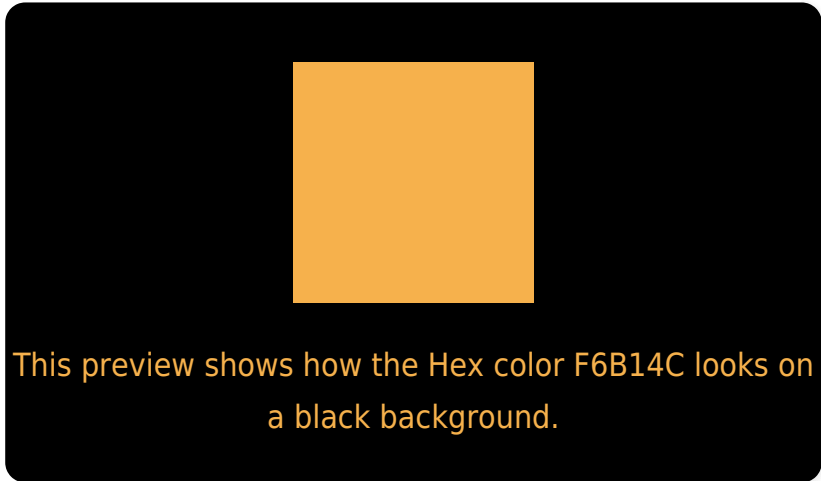
Large Text (above 18pt) WCAG AA × Fail

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

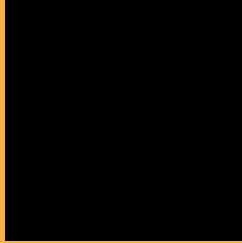
Any Text WCAG AA ✓ Pass

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 F6B14C Background



This preview shows how black text looks on a background with the Hex color F6B14C.

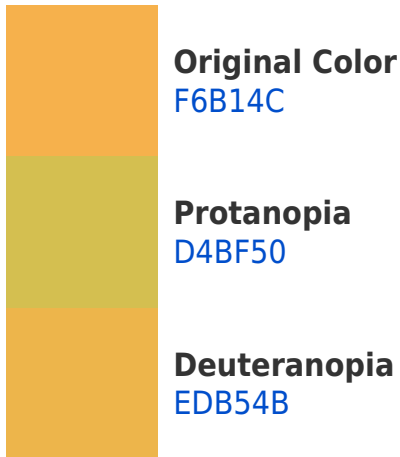


This preview shows how white text looks on a background with the Hex color F6B14C.

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



Original Color
F6B14C

Protanomaly
E0BA4F

Deuteranomaly
F0B44B

Tritanomaly
FAAA8E

Monochromacy



Original Color
F6B14C

Achromatopsia
BABABA

Achromatomaly
D0B792

CSS Examples

Text

The CSS property to change the color of the text to Hex F6B14C 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 #F6B14C looks like.

```
.text, #text, p{  
    color:#F6B14C  
}
```

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 #F6B14C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B14C
}
```

Border

The CSS property to change the border of an element to Hex F6B14C 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
#F6B14C }
```

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

```
.border{ border-color:#F6B14C }
```

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

Here you see how a box with a 4 pixel #F6B14C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B14C; -webkit-box-shadow:4px 4px  
4px 4px #F6B14C; box-shadow:4px 4px 4px  
4px #F6B14C }
```

Background

The CSS property to change the background color of an element to Hex F6B14C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B14C }
```

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

```
.background{ background-color:#F6B14C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor