

# Converting Colors

Hex(F7B06D)

Have a look what the booklet for  
Hex(F7B06D) contains.

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**Color**

**Hex(F7B06D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7B06D
RGB	247, 176, 109
RGB Percent	97%, 69%, 43%
CMY	0.0314, 0.3098, 0.5725
CMYK	0.00, 0.29, 0.56, 0.03
HSL	29°, 90%, 70%
HSV	29°, 56%, 97%
XYZ	56.6434, 51.9290, 21.5059
YIQ	189.5910, 63.8230, -5.7850

# Conversions

## Conversions Part 2

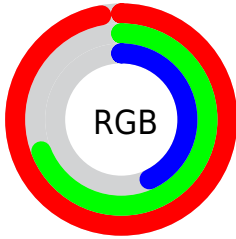
Format	Color
R <sub>Y</sub> B	247, 239, 109
Decimal	16232557
CIE Lab	77.24, 18.88, 44.28
CIE LCh	77, 48.137, 66.913
Yxy	51.9290, 0.4355, 0.3992
Android (android.graphics.Color)	4294422637 (0xFFF7B06D)
YUV	189.5910, -39.7314, 50.3477
Hunter-Lab	72.0617, 14.2001, 32.7489

# Details

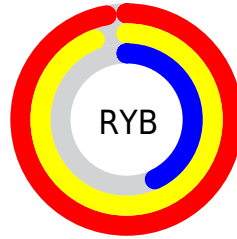
The Hex color **F7B06D** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **6DB4F7**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FFE8A2**, and **BB7B3B** is the 20% darker color. If you saturate the color by 10%, you get **F7A354**, and if you desaturate by 10%, it is **F7BD86**.

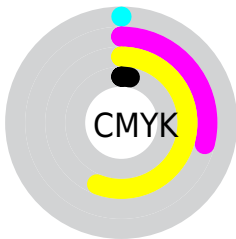
# Distribution



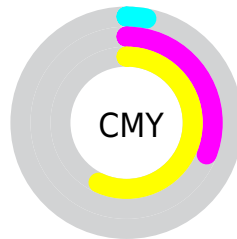
- Red (97%)
- Green (69%)
- Blue (43%)



- Red (97%)
- Yellow (94%)
- Blue (43%)



- Cyan (0%)
- Magenta (29%)
- Yellow (56%)
- Black (3%)



- Cyan (3%)
- Magenta (31%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F7B06D 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 F7B06D by changing the saturation by 10% instead.



 F7B06D

 F7B06D

FFFFFF

 D99554

 FFE8A2

 BB7B3B

 FFFFBD

 9E6223

 FFFFD9

 824A07

 FFFFF6

 663300

 4A1E00

 300900

 110000

 000000

 F7B06D

 F7B06D

 F7A354

 F7BD86

 F7973C

 F7C99E

 F78A23

 F7D6B7

 F77D0A

 F7E3D0

 F77800

 F7F0E9

 F7FCFF

 F7FFFF

# Harmonies

## Analogous

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



FFA18B



F7B06D



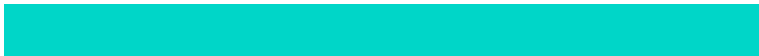
D1C064

# Triad

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



F7B06D



00D6C8



D1AFFF

# Complementary

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



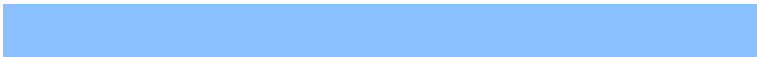
F7B06D



6DB4F7

# 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.



8AC0FF



F7B06D



00D4F3

# Square

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



F7B06D



67D39A



04CDFE



FFA0E3

# Rectangle

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



F7B06D



B2C86D



04CDFF



BCB5FF

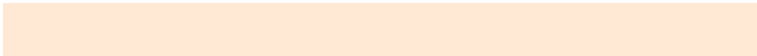


# Sweetspot

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



F7B06D



FFE9D4



F76DB4



807266



000000



808080



# Same Dimension

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



F7B06D



FFA754



F7F56D



7A746E



BA5A00



3B1C00



# Inverse Universe

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



6DB4F7



54ACFF



6D6FF7



6E747A



0060BA



001E3B



# Previews

## White Background



This preview shows how the Hex color F7B06D looks on a white background.

## Color Contrast Check

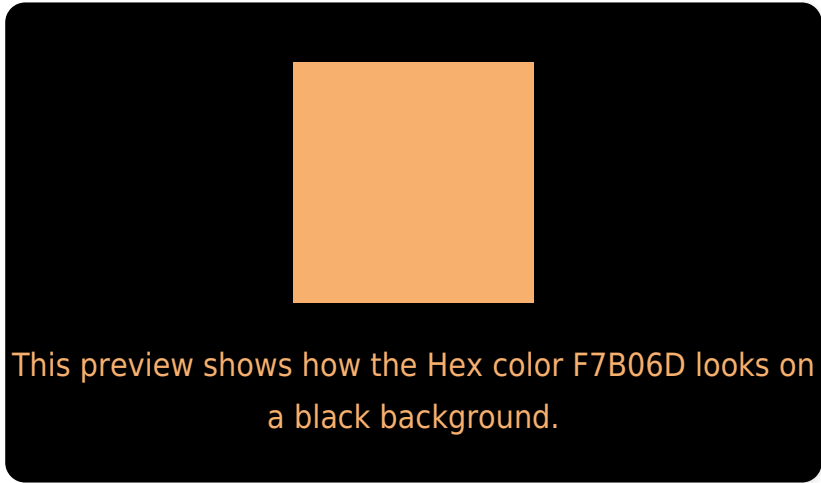
Large Text (above 18pt) WCAG AA × Fail

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

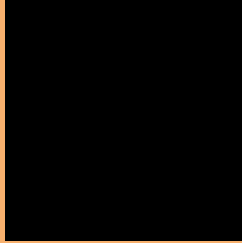
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F7B06D Background



This preview shows how black text looks on a background with the Hex color F7B06D.



This preview shows how white text looks on a background with the Hex color F7B06D.

# Color Blindness Simulation

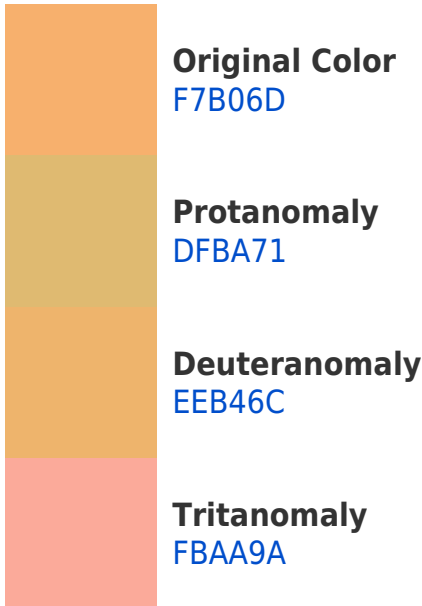
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F7B06D 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 #F7B06D looks like.

```
.text, #text, p{  
    color:#F7B06D  
}
```

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 #F7B06D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7B06D
}
```

## Border

The CSS property to change the border of an element to Hex F7B06D 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
#F7B06D }
```

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

```
.border{ border-color:#F7B06D }
```

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

Here you see how a box with a 4 pixel #F7B06D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7B06D; -webkit-box-shadow:4px 4px  
4px 4px #F7B06D; box-shadow:4px 4px 4px  
4px #F7B06D }
```

# Background

The CSS property to change the background color of an element to Hex F7B06D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7B06D }
```

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

```
.background{ background-color:#F7B06D }
```

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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