

# Converting Colors

Hex(F6B76A)

Have a look what the booklet for  
Hex(F6B76A) contains.

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**Color**

**Hex(F6B76A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6B76A
RGB	246, 183, 106
RGB Percent	96%, 72%, 42%
CMY	0.0353, 0.2824, 0.5843
CMYK	0.00, 0.26, 0.57, 0.04
HSL	33°, 89%, 69%
HSV	33°, 57%, 96%
XYZ	57.5410, 54.5004, 21.1226
YIQ	193.0590, 62.2650, -10.5910

# Conversions

## Conversions Part 2

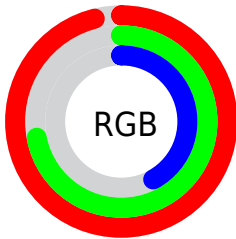
Format	Color
<a href="#">RYB</a>	221, 246, 106
Decimal	16168810
CIELab	78.75, 14.56, 47.59
CIElCh	79, 49.766, 72.988
Yxy	54.5004, 0.4321, 0.4093
Android (android.graphics.Color)	4294358890 (0xFFFF6B76A)
YUV	193.0590, -42.9201, 46.4293
Hunter-Lab	73.8244, 9.9358, 34.7131

# Details

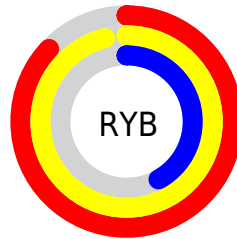
The Hex color **F6B76A** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6AA9F6**, and the grayscale version is **C1C1C1**.

A 20% lighter version of the original color is **FFEF9F**, and **BA8238** is the 20% darker color. If you saturate the color by 10%, you get **F6AC51**, and if you desaturate by 10%, it is **F6C283**.

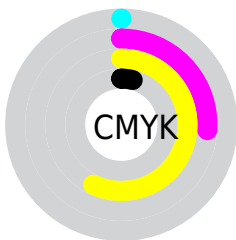
# Distribution



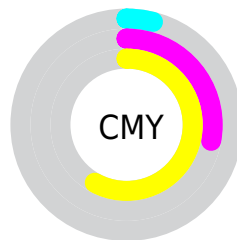
- Red (96%)
- Green (72%)
- Blue (42%)



- Red (87%)
- Yellow (96%)
- Blue (42%)



- Cyan (0%)
- Magenta (26%)
- Yellow (57%)
- Black (4%)



- Cyan (4%)
- Magenta (28%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6B76A 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 F6B76A by changing the saturation by 10% instead.



 F6B76A

 F6B76A

FFFFFF

 D89C51

 FFEF9F

 BA8238

 FFFFBA

 9D691E

 FFFFD7

 815100

 FFFFF3

 653A00

 4A2400

 301000

 150000

 000000

 F6B76A

 F6B76A

 F6AC51

 F6C283

 F6A139

 F6CD9B

 F69620

 F6D8B4

 F68B08

 F6E3CC

 F68700

 F6EEE5

 F6F9FE

 F6FFFF

# Harmonies

## Analogous

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



FFA786



F6B76A



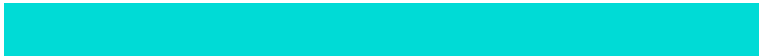
CCC766

# Triad

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



F6B76A



00DBD6



E1AFFF

# Complementary

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



F6B76A



6AA9F6

# 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.



9DC1FF



F6B76A



00D8FF

# Square

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



F6B76A



57D9A6



31CFFF



FFA1DF

# Rectangle

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



F6B76A



ABCF73



31CFFF



CDB5FF

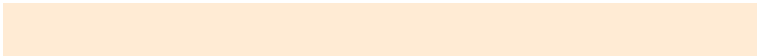


# Sweetspot

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



F6B76A



FFEBD4



F66AA9



807466



000000



808080



# Same Dimension

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



F6B76A



FFB152



F1F66A



7A756E



BA6600



3B2000

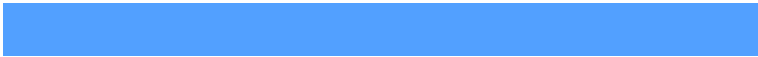


# Inverse Universe

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



6AA9F6



52A0FF



716AF6



6E747A



0054BA



001A3B



# Previews

## White Background



This preview shows how the Hex color F6B76A looks on a white background.

## Color Contrast Check

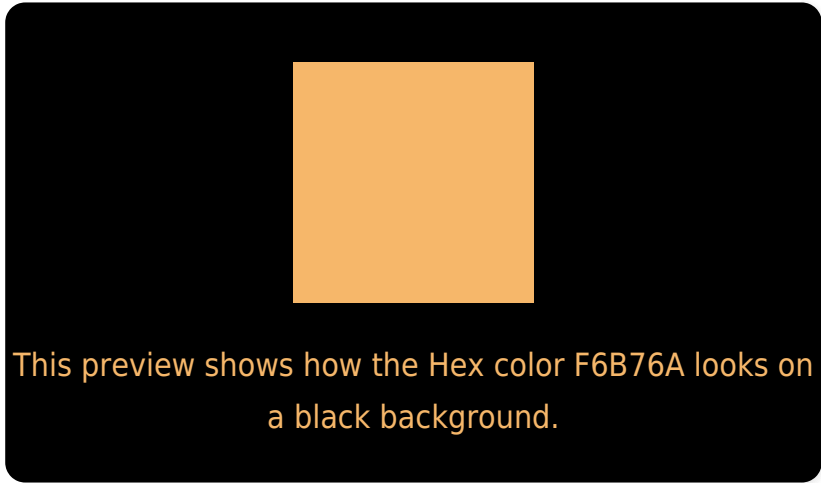
Large Text (above 18pt) WCAG AA × Fail

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 F6B76A Background



This preview shows how black text looks on a background with the Hex color F6B76A.

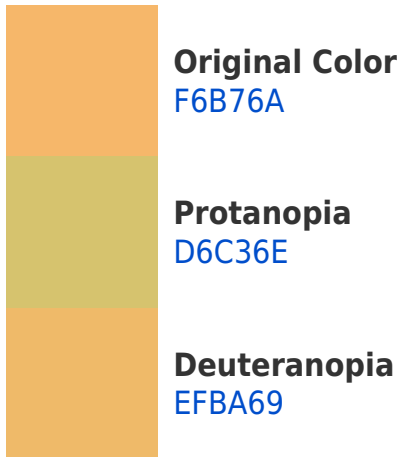


This preview shows how white text looks on a background with the Hex color F6B76A.

# 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



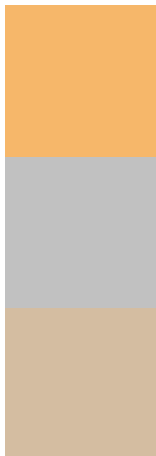
**Original Color**  
F6B76A

**Protanomaly**  
E2BF6D

**Deuteranomaly**  
F2B969

**Tritanomaly**  
FAB19E

# Monochromacy



**Original Color**  
F6B76A

**Achromatopsia**  
C1C1C1

**Achromatomaly**  
D4BDA1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6B76A 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 #F6B76A looks like.

```
.text, #text, p{  
    color:#F6B76A  
}
```

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 #F6B76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6B76A
}
```

## Border

The CSS property to change the border of an element to Hex F6B76A 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
#F6B76A }
```

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

```
.border{ border-color:#F6B76A }
```

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

Here you see how a box with a 4 pixel #F6B76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6B76A; -webkit-box-shadow:4px 4px  
4px 4px #F6B76A; box-shadow:4px 4px 4px  
4px #F6B76A }
```

# Background

The CSS property to change the background color of an element to Hex F6B76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6B76A }
```

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

```
.background{ background-color:#F6B76A }
```

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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