

# Converting Colors

Hex(F6D66F)

Have a look what the booklet for  
Hex(F6D66F) contains.

<b>Hex(F6D66F)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F6D66F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D66F
RGB	246, 214, 111
RGB Percent	96%, 84%, 44%
CMY	0.0353, 0.1608, 0.5647
CMYK	0.00, 0.13, 0.55, 0.04
HSL	46°, 88%, 70%
HSV	46°, 55%, 96%
XYZ	64.9218, 68.8337, 24.9034
YIQ	211.8260, 52.1350, -25.2490

# Conversions

## Conversions Part 2

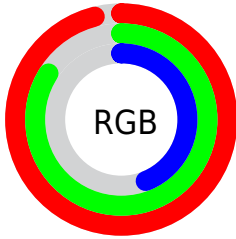
Format	Color
<a href="#">RYB</a>	<a href="#">153, 246, 111</a>
Decimal	<a href="#">16176751</a>
CIELab	<a href="#">86.42, -1.13, 54.28</a>
CIELCh	<a href="#">86, 54.291, 91.196</a>
Yxy	<a href="#">68.8337, 0.4092, 0.4338</a>
Android (android.graphics.Color)	<a href="#">4294366831</a> (0xFFFF6D66F)
YUV	<a href="#">211.8260, -49.7072, 29.9706</a>
Hunter-Lab	<a href="#">82.9661, -5.5124, 40.2795</a>

# Details

The Hex color **F6D66F** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **6F8FF6**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFA5**, and **BBA03B** is the 20% darker color. If you saturate the color by 10%, you get **F6D056**, and if you desaturate by 10%, it is **F6DC88**.

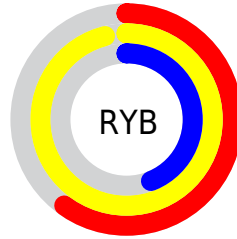
# Distribution



Red (96%)

Green (84%)

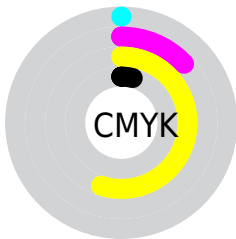
Blue (44%)



Red (60%)

Yellow (96%)

Blue (44%)

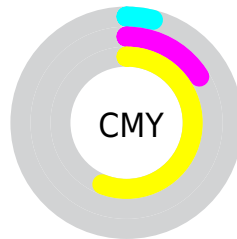


Cyan (0%)

Magenta (13%)

Yellow (55%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6D66F 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 F6D66F by changing the saturation by 10% instead.



 F6D66F

 F6D66F

FFFFFF

 D8BA55

 FFFFA5

 BBA03B

 FFFFC1

 9E861F

 FFFFDD

 826D00

 FFFFFB

 675400

 4C3E00

 322800

 1A1400

 000000

 F6D66F

 F6D66F

 F6D056

 F6DC88

 F6CA3E

 F6E2A0

 F6C525

 F6E7B9

 F6BF0D

 F6EDD1

 F6BC00

 F6F3EA

 F6F9FF

 F6FFFF

# Harmonies

## Analogous

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



FFC47F



F6D66F



C1E57D

# Triad

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



F6D66F



00F2FF



FFB8FF

# Complementary

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



F6D66F



6F8FF6

# 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.



DFFCAFF



F6D66F



00EBFF

# Square

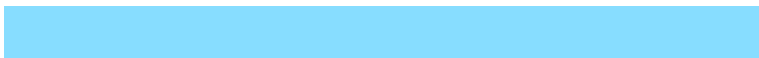
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



F6D66F



00F3D9



87DDFF



FFAED8

# Rectangle

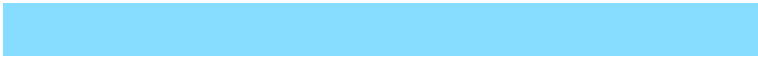
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6D66F



98EC96



87DDFF



FFBDFF



# Sweetspot

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



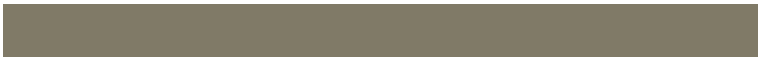
F6D66F



FFF5D6



F66F91



807A67



000000



808080



# Same Dimension

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



F6D66F



FFD757



D4F66F



7A776E



BA8E00



3B2D00



# Inverse Universe

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



6F8FF6



577FFF



916FF6



6E717A



002CBA



000E3B



# Previews

## White Background



This preview shows how the Hex color F6D66F looks on a white background.

## Color Contrast Check

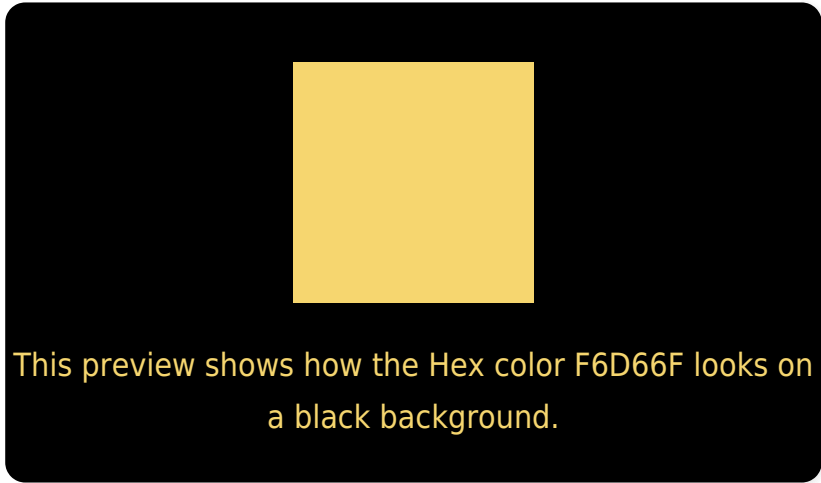
Large Text (above 18pt) WCAG AA × Fail

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 F6D66F Background



This preview shows how black text looks on a background with the Hex color F6D66F.



This preview shows how white text looks on a background with the Hex color F6D66F.

# 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



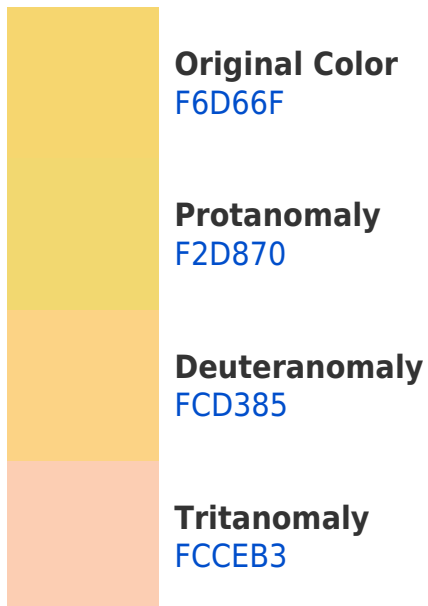
**Original Color**  
F6D66F

**Protanopia**  
EFD970

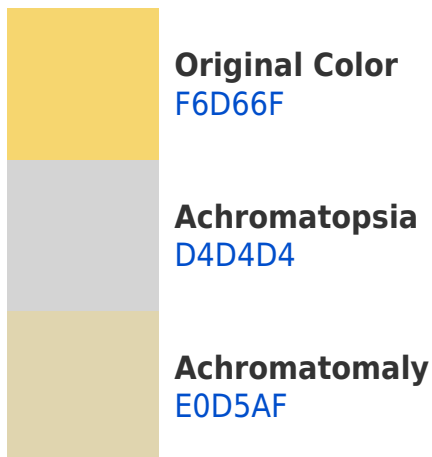
**Deuteranopia**  
FFD191



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6D66F 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 #F6D66F looks like.

```
.text, #text, p{  
    color:#F6D66F  
}
```

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 #F6D66F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6D66F
}
```

## Border

The CSS property to change the border of an element to Hex F6D66F 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
#F6D66F }
```

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

```
.border{ border-color:#F6D66F }
```

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

Here you see how a box with a 4 pixel #F6D66F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6D66F; -webkit-box-shadow:4px 4px  
4px 4px #F6D66F; box-shadow:4px 4px 4px  
4px #F6D66F }
```

# Background

The CSS property to change the background color of an element to Hex F6D66F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6D66F }
```

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

```
.background{ background-color:#F6D66F }
```

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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