

# Converting Colors

Hex(F6D641)

Have a look what the booklet for  
Hex(F6D641) contains.

<b>Hex(F6D641)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F6D641)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D641
RGB	246, 214, 65
RGB Percent	96%, 84%, 25%
CMY	0.0353, 0.1608, 0.7451
CMYK	0.00, 0.13, 0.74, 0.04
HSL	49°, 91%, 61%
HSV	49°, 74%, 96%
XYZ	63.0067, 68.0676, 14.8186
YIQ	206.5820, 66.9010, -39.5550

# Conversions

## Conversions Part 2

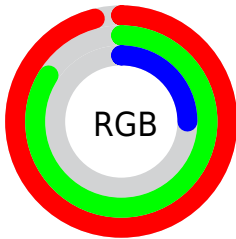
Format	Color
<a href="#">RYB</a>	<a href="#">104, 246, 65</a>
Decimal	<a href="#">16176705</a>
<a href="#">CIELab</a>	<a href="#">86.04, -3.86, 73.06</a>
<a href="#">CIElCh</a>	<a href="#">86, 73.158, 93.026</a>
<a href="#">Yxy</a>	<a href="#">68.0676, 0.4319, 0.4666</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4294366785 (0xFFFF6D641)</a>
<a href="#">YUV</a>	<a href="#">206.5820, -69.7999, 34.5696</a>
<a href="#">Hunter-Lab</a>	<a href="#">82.5031, -8.0619, 47.1030</a>

# Details

The Hex color **F6D641** 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 **4161F6**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **FFFF7A**, and **BAA000** is the 20% darker color. If you saturate the color by 10%, you get **F6D228**, and if you desaturate by 10%, it is **F6DA5A**.

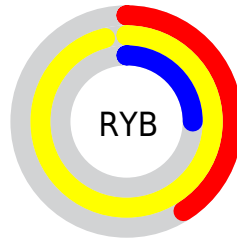
# Distribution



Red (96%)

Green (84%)

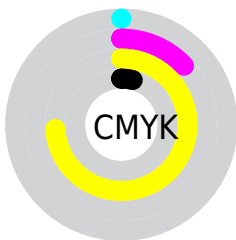
Blue (25%)



Red (41%)

Yellow (96%)

Blue (25%)

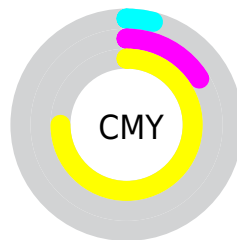


Cyan (0%)

Magenta (13%)

Yellow (74%)

Black (4%)



Cyan (4%)

Magenta (16%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6D641 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 F6D641 by changing the saturation by 10% instead.



 F6D641

 F6D641

FFFFFF

 D8BA20

 FFFF7A

 BAA000

 FFFF96

 9C8600

 FFFFB3

 7F6D00

 FFFF00

 635500

 FFFFED

 483E00

 2E2900

 151500

 000000

 F6D641

 F6D641

 F6D228

 F6DA5A

 F6CD10

 F6DF72

 F6CB00

 F6E38B

 F6E7A3

 F6ECBC

 F6F0D5

 F6F4ED

 F6F9FF

 F6FDFF

# Harmonies

## Analogous

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



FFBC5A



F6D641



AFE95B

# Triad

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



F6D641



00F7FF



FFA6FF

# Complementary

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



F6D641



4161F6

# 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.



E3C2FF



F6D641



00EFFF

# Square

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



F6D641



00F9DC



44DDFF



FF97D3

# Rectangle

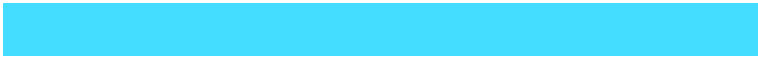
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F6D641



71F180



44DDFF



FFAEFF



# Sweetspot

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



F6D641



FFF5C7



F64162



807A5E



000000



808080



# Same Dimension

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



F6D641



FFD71F



BDF641



7A786E



BA9900



3B3000



# Inverse Universe

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



4161F6



1F46FF



7A41F6



6E707A



0021BA



000A3B



# Previews

## White Background



This preview shows how the Hex color F6D641 looks on a white background.

## Color Contrast Check

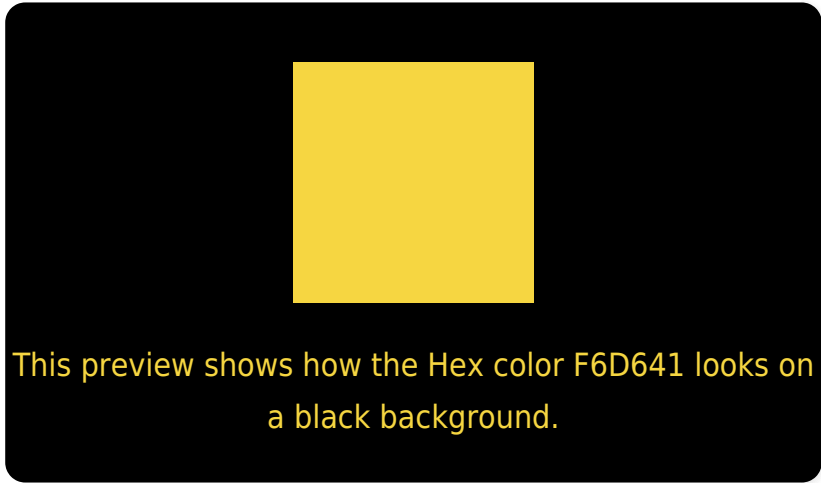
Large Text (above 18pt) WCAG AA × Fail

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 F6D641 Background



This preview shows how black text looks on a background with the Hex color F6D641.



This preview shows how white text looks on a background with the Hex color F6D641.

# 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**  
F6D641

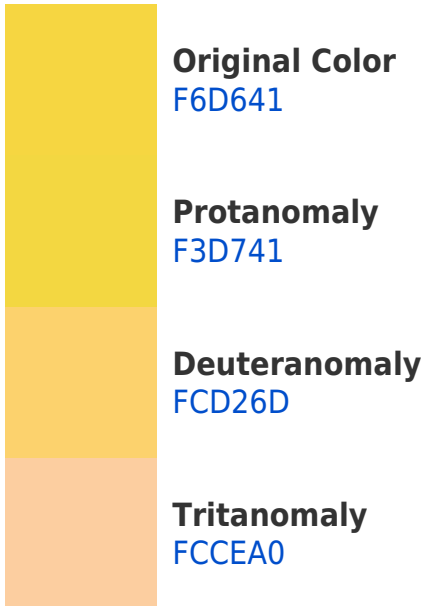
**Protanopia**  
F1D841

**Deuteranopia**  
FFD086



**Tritanopia**  
FFC9D7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6D641 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 #F6D641 looks like.

```
.text, #text, p{  
    color:#F6D641  
}
```

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 #F6D641 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6D641
}
```

## Border

The CSS property to change the border of an element to Hex F6D641 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
#F6D641 }
```

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

```
.border{ border-color:#F6D641 }
```

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

Here you see how a box with a 4 pixel #F6D641 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6D641; -webkit-box-shadow:4px 4px  
4px 4px #F6D641; box-shadow:4px 4px 4px  
4px #F6D641 }
```

# Background

The CSS property to change the background color of an element to Hex F6D641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6D641 }
```

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

```
.background{ background-color:#F6D641 }
```

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