

# Converting Colors

Hex(F6DD34)

Have a look what the booklet for  
Hex(F6DD34) contains.

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**Color**

**Hex(F6DD34)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6DD34
RGB	246, 221, 52
RGB Percent	96%, 87%, 20%
CMY	0.0353, 0.1333, 0.7961
CMYK	0.00, 0.10, 0.79, 0.04
HSL	52°, 92%, 58%
HSV	52°, 79%, 96%
XYZ	64.4823, 71.5537, 13.6615
YIQ	209.2090, 69.1490, -47.2590

# Conversions

## Conversions Part 2

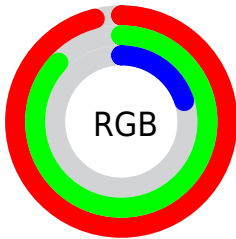
Format	Color
R <sub>Y</sub> B	81, 246, 52
Decimal	16178484
CIE Lab	87.75, -7.87, 78.76
CIE LCh	88, 79.152, 95.706
Yxy	71.5537, 0.4308, 0.4780
Android (android.graphics.Color)	4294368564 (0xFFFF6DD34)
YUV	209.2090, -77.5040, 32.2657
Hunter-Lab	84.5894, -11.9613, 49.6370

# Details

The Hex color **F6DD34** 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 **344DF6**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **FFFF71**, and **B9A600** is the 20% darker color. If you saturate the color by 10%, you get **F6DA1B**, and if you desaturate by 10%, it is **F6E04D**.

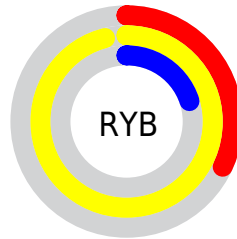
# Distribution



Red (96%)

Green (87%)

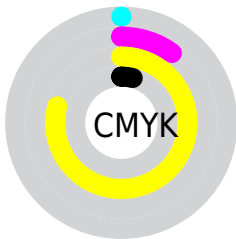
Blue (20%)



Red (32%)

Yellow (96%)

Blue (20%)

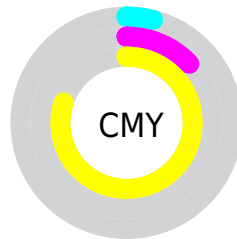


Cyan (0%)

Magenta (10%)

Yellow (79%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F6DD34 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 F6DD34 by changing the saturation by 10% instead.



 F6DD34

 F6DD34

FFFFFF

 D7C102

 FFFF71

 B9A600

 FFFF8E

 9C8C00

 FFFFAA

 7F7300

 FFFFC8

 625B00

 FFFF E5

 474400

 2D2E00

 141A00

 000000

 F6DD34

 F6DD34

 F6DA1B

 F6E04D

 F6D703

 F6E365

 F6D600

 F6E77E

 F6EA96

 F6EDAF

 F6F0C8

 F6F3E0

 F6F6F9

 F6FAFF

# Harmonies

## Analogous

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



FFC14E



F6DD34



A7F158

# Triad

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



F6DD34



00FEFF



FFA2FF

# Complementary

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



F6DD34



344DF6

# 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.



F2C2FF



F6DD34



00F4FF

# Square

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



F6DD34



00FFE9



46E0FF



FF95D1

# Rectangle

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



F6DD34



5CF983



46E0FF



FFACFF



# Sweetspot

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



F6DD34



FFF7C2



F6344E



807B5B



000000



808080



# Same Dimension

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



F6DD34



FFE00D



AFF634



7A796E



BAA200



3B3300



# Inverse Universe

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



344DF6



0D2CFF



7B34F6



6E707A



0018BA



00083B



# Previews

## White Background



This preview shows how the Hex color F6DD34 looks on a white background.

## Color Contrast Check

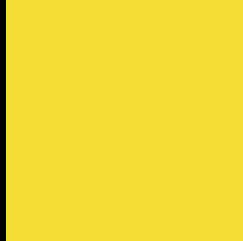
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F6DD34 looks on a 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 F6DD34 Background



This preview shows how black text looks on a background with the Hex color F6DD34.



This preview shows how white text looks on a background with the Hex color F6DD34.

# 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**  
F6DD34

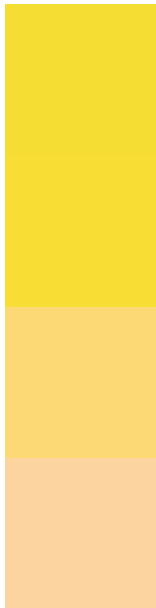
**Protanopia**  
F7DD34

**Deuteranopia**  
FFD698



**Tritanopia**  
FFCFDE

# Trichromacy



**Original Color**  
F6DD34

**Protanomaly**  
F7DD34

**Deuteranomaly**  
FCD974

**Tritanomaly**  
FCD4A0

# Monochromacy



**Original Color**  
F6DD34

**Achromatopsia**  
D1D1D1

**Achromatomaly**  
DED598

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F6DD34 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 #F6DD34 looks like.

```
.text, #text, p{  
    color:#F6DD34  
}
```

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 #F6DD34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6DD34
}
```

## Border

The CSS property to change the border of an element to Hex F6DD34 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
#F6DD34 }
```

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

```
.border{ border-color:#F6DD34 }
```

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

Here you see how a box with a 4 pixel #F6DD34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6DD34; -webkit-box-shadow:4px 4px  
4px 4px #F6DD34; box-shadow:4px 4px 4px  
4px #F6DD34 }
```

# Background

The CSS property to change the background color of an element to Hex F6DD34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6DD34 }
```

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

```
.background{ background-color:#F6DD34 }
```

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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