

# Converting Colors

Hex(F3D600)

Have a look what the booklet for  
Hex(F3D600) contains.

<b>Hex(F3D600)</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(F3D600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3D600
RGB	243, 214, 0
RGB Percent	95%, 84%, 0%
CMY	0.0471, 0.1608, 1.0000
CMYK	0.00, 0.12, 1.00, 0.05
HSL	53°, 100%, 48%
HSV	53°, 100%, 95%
XYZ	61.0087, 67.1478, 9.7453
YIQ	198.2750, 85.9780, -60.4060

# Conversions

## Conversions Part 2

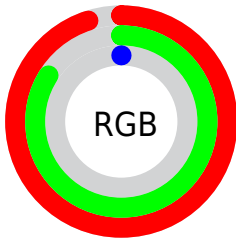
Format	Color
R <sub>Y</sub> B	33, 243, 0
Decimal	15980032
CIE Lab	85.58, -6.53, 85.67
CIE LCh	86, 85.921, 94.359
Yxy	67.1478, 0.4424, 0.4869
Android (android.graphics.Color)	4294170112 (0xFFFF3D600)
YUV	198.2750, -97.7496, 39.2238
Hunter-Lab	81.9438, -10.5049, 50.3095

# Details

The Hex color **F3D600** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **001DF3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF58**, and **B6A000** is the 20% darker color. If you saturate the color by 10%, you get **F3D600**, and if you desaturate by 10%, it is **F3D918**.

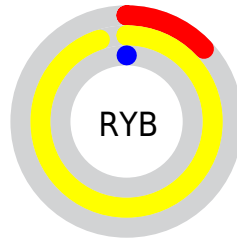
# Distribution



Red (95%)

Green (84%)

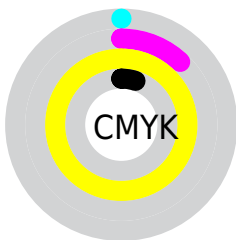
Blue (0%)



Red (13%)

Yellow (95%)

Blue (0%)

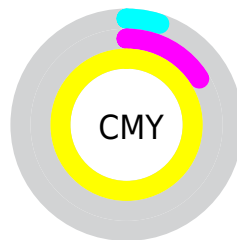


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3D600 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 F3D600 by changing the saturation by 10% instead.



 F3D600

 F3D600

FFFFFF

 D4BB00

 FFFF58

 B6A000

 FFFF76

 988600

 FFFF94

 7B6D00

 FFFFB1

 5E5500

 FFFFCE

 433E00

 FFFFEC

 292900

 0E1500

 000000

 F3D600

 F3D918

 F3DC31

 F3DF49

 F3E261

 F3E479

 F3E792

 F3EAAA

 F3EDC2

 F3F0DB

# Harmonies

## Analogous

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



FFB73A



F3D600



9FEB40

# Triad

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



F3D600



00FAFF



FF96FF

# Complementary

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



F3D600



001DF3

# 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.



E6BBFF



F3D600



00F1FF

# Square

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



F3D600



00FCE0



00DCFF



FF84CD

# Rectangle

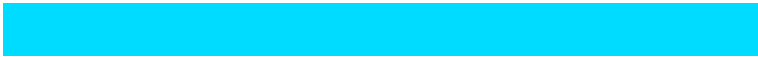
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3D600



47F471



00DCFF



FFA2FF



# Sweetspot

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



F3D600



FFF6B3



F30020



807A52



000000



808080



# Same Dimension

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



F3D600



FFE100



9AF300



7A796E



BAA400



3B3400



# Inverse Universe

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



001DF3



001EFF



5900F3



6E707A



0016BA



00073B



# Previews

## White Background



This preview shows how the Hex color F3D600 looks on a white background.

## Color Contrast Check

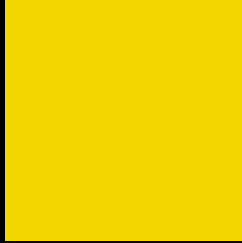
Large Text (above 18pt) WCAG AA × Fail

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 F3D600 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 F3D600 Background



This preview shows how black text looks on a background with the Hex color F3D600.

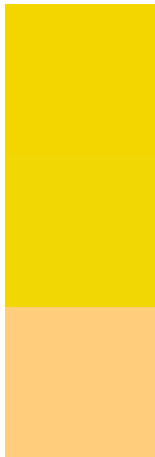


This preview shows how white text looks on a background with the Hex color F3D600.

# 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**  
F3D600

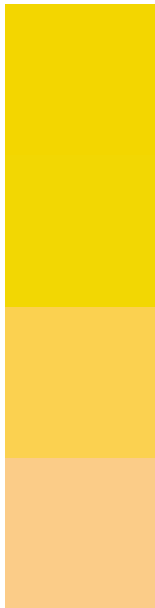
**Protanopia**  
F1D704

**Deuteranopia**  
FFCE7D



**Tritanopia**  
FFC7D6

# Trichromacy



**Original Color**  
F3D600

**Protanomaly**  
F2D703

**Deuteranomaly**  
FBD150

**Tritanomaly**  
FBCC88

# Monochromacy



**Original Color**  
F3D600

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
D6CC7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3D600 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 #F3D600 looks like.

```
.text, #text, p{  
    color:#F3D600  
}
```

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 #F3D600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3D600
}
```

## Border

The CSS property to change the border of an element to Hex F3D600 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
#F3D600 }
```

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

```
.border{ border-color:#F3D600 }
```

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

Here you see how a box with a 4 pixel #F3D600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3D600; -webkit-box-shadow:4px 4px  
4px 4px #F3D600; box-shadow:4px 4px 4px  
4px #F3D600 }
```

# Background

The CSS property to change the background color of an element to Hex F3D600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3D600 }
```

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

```
.background{ background-color:#F3D600 }
```

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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