

# Converting Colors

Hex(F2D600)

Have a look what the booklet for  
Hex(F2D600) contains.

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**Color**

**Hex(F2D600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D600
RGB	242, 214, 0
RGB Percent	95%, 84%, 0%
CMY	0.0510, 0.1608, 1.0000
CMYK	0.00, 0.12, 1.00, 0.05
HSL	53°, 100%, 47%
HSV	53°, 100%, 95%
XYZ	60.6645, 66.9704, 9.7292
YIQ	197.9760, 85.3820, -60.6180

# Conversions

## Conversions Part 2

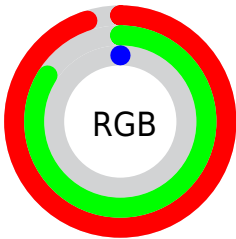
Format	Color
R <sub>Y</sub> B	32, 242, 0
Decimal	15914496
CIE Lab	85.49, -6.96, 85.57
CIE LCh	85, 85.850, 94.648
Yxy	66.9704, 0.4416, 0.4875
Android (android.graphics.Color)	4294104576 (0xFFFF2D600)
YUV	197.9760, -97.6022, 38.6090
Hunter-Lab	81.8354, -10.8902, 50.2360

# Details

The Hex color **F2D600** 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 **001CF2**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFFF58**, and **B5A000** is the 20% darker color. If you saturate the color by 10%, you get **F2D600**, and if you desaturate by 10%, it is **F2D918**.

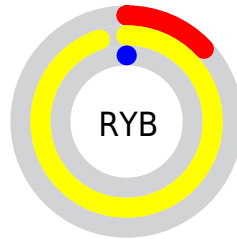
# Distribution



Red (95%)

Green (84%)

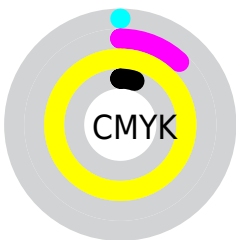
Blue (0%)



Red (13%)

Yellow (95%)

Blue (0%)

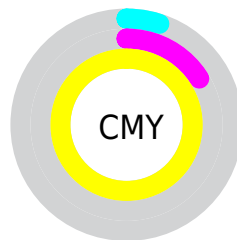


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D600 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 F2D600 by changing the saturation by 10% instead.



 F2D600

 F2D600

FFFFFF

 D3BB00

 FFFF58

 B5A000

 FFFF76

 978600

 FFFF94

 7A6D00

 FFFFB1

 5D5500

 FFFFCE

 423E00

 FFFFEC

 292900

 0D1500

 000000

 F2D600

 F2D918

 F2DC30

 F2DE49

 F2E161

 F2E479

 F2E791

 F2EAA9

 F2ECC2

 F2EFDA

# Harmonies

## Analogous

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



FFB739



F2D600



9EEB40

# Triad

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



F2D600



00FAFF



FF96FF

# Complementary

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



F2D600



001CF2

# 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.



E7BAFF



F2D600



00F0FF

# Square

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



F2D600



00FCE0



00DBFF



FF84CC

# Rectangle

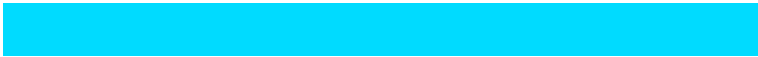
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2D600



45F472



00DBFF



FFA1FF



# Sweetspot

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



F2D600



FFF6B3



F2001C



807A52



000000



808080



# Same Dimension

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



F2D600



FFE100



95F200



78766C



B8A200



383200



# Inverse Universe

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



001CF2



001EFF



5D00F2



6C6D78



0015B8

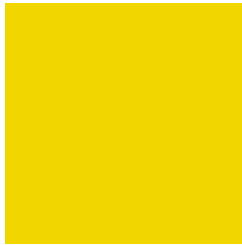


000638



# Previews

## White Background



This preview shows how the Hex color F2D600 looks on a white background.

## Color Contrast Check

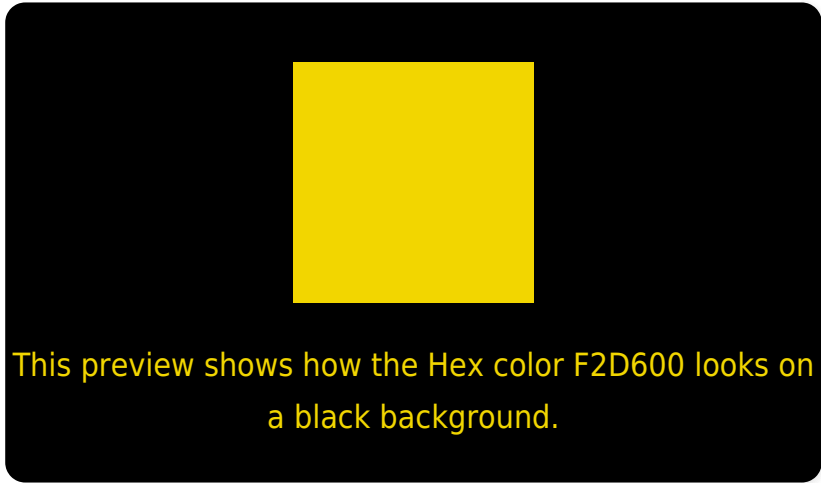
Large Text (above 18pt) WCAG AA × Fail

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 F2D600 Background



This preview shows how black text looks on a background with the Hex color F2D600.

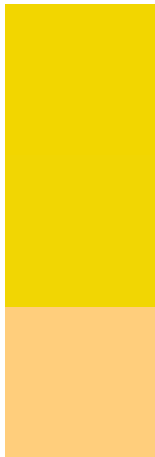


This preview shows how white text looks on a background with the Hex color F2D600.

# 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**  
F2D600

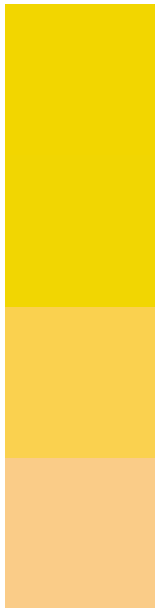
**Protanopia**  
F1D603

**Deuteranopia**  
FFCE7C



**Tritanopia**  
FEC7D6

# Trichromacy



**Original Color**  
F2D600

**Protanomaly**  
F1D602

**Deuteranomaly**  
FAD14F

**Tritanomaly**  
FACC88

# Monochromacy



**Original Color**  
F2D600

**Achromatopsia**  
C6C6C6

**Achromatomaly**  
D6CC7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D600 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 #F2D600 looks like.

```
.text, #text, p{  
    color:#F2D600  
}
```

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 #F2D600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D600
}
```

## Border

The CSS property to change the border of an element to Hex F2D600 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
#F2D600 }
```

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

```
.border{ border-color:#F2D600 }
```

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

Here you see how a box with a 4 pixel #F2D600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D600; -webkit-box-shadow:4px 4px  
4px 4px #F2D600; box-shadow:4px 4px 4px  
4px #F2D600 }
```

# Background

The CSS property to change the background color of an element to Hex F2D600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D600 }
```

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

```
.background{ background-color:#F2D600 }
```

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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