

# Converting Colors

Hex(F2D703)

Have a look what the booklet for  
Hex(F2D703) contains.

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**Color**

**Hex(F2D703)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2D703
RGB	242, 215, 3
RGB Percent	95%, 84%, 1%
CMY	0.0510, 0.1569, 0.9882
CMYK	0.00, 0.11, 0.99, 0.05
HSL	53°, 98%, 48%
HSV	53°, 99%, 95%
XYZ	60.9348, 67.4847, 9.9004
YIQ	198.9050, 84.1440, -60.2080

# Conversions

## Conversions Part 2

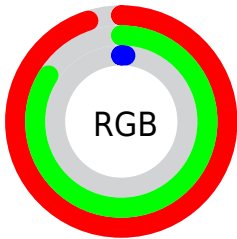
Format	Color
R <sub>Y</sub> B	33, 242, 3
Decimal	15914755
CIE Lab	85.75, -7.44, 85.49
CIE LCh	86, 85.816, 94.971
Yxy	67.4847, 0.4405, 0.4879
Android (android.graphics.Color)	4294104835 (0xFFFF2D703)
YUV	198.9050, -96.5812, 37.7943
Hunter-Lab	82.1491, -11.3569, 50.3589

# Details

The Hex color **F2D703** 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 **031EF2**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **FFFF59**, and **B5A100** is the 20% darker color. If you saturate the color by 10%, you get **F2D700**, and if you desaturate by 10%, it is **F2DA1B**.

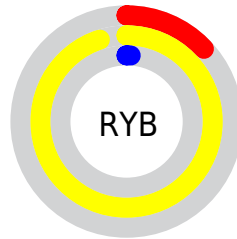
# Distribution



Red (95%)

Green (84%)

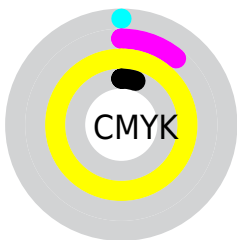
Blue (1%)



Red (13%)

Yellow (95%)

Blue (1%)

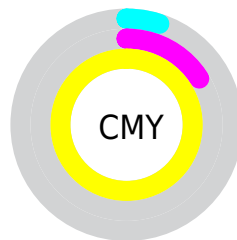


Cyan (0%)

Magenta (11%)

Yellow (99%)

Black (5%)



Cyan (5%)

Magenta (16%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F2D703 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 F2D703 by changing the saturation by 10% instead.



 F2D703

 F2D703

FFFFFF

 D3BB00

 FFFF59

 B5A100

 FFFF77

 978700

 FFFF94

 7A6E00

 FFFFB2

 5D5600

 FFFFCF

 423F00

 FFFFED

 292900

 0D1600

 000000

 F2D703

 F2D703

 F2D700

 F2DA1B

 F2DC33

 F2DF4C

 F2E264

 F2E57C

 F2E794

 F2EAAC

 F2EDC5

 F2F0DD

# Harmonies

## Analogous

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



FFB83A



F2D703



9DEC42

# Triad

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



F2D703



00FBFF



FF96FF

# Complementary

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



F2D703



031EF2

# 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.



E9BBFF



F2D703



00F1FF

# Square

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



F2D703



00FCE2



00DCFF



FF84CC

# Rectangle

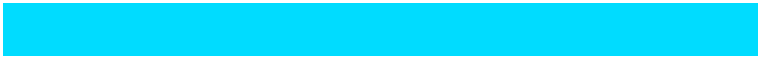
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2D703



44F573



00DCFF



FFA2FF



# Sweetspot

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



F2D703



FFF6B3



F2031F



807A52



000000



808080



# Same Dimension

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



F2D703



FFE200



96F203



78766C



B8A300



383200



# Inverse Universe

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



031EF2



001DFF



5F03F2



6C6D78



0015B8



000638



# Previews

## White Background



This preview shows how the Hex color F2D703 looks on a white background.

## Color Contrast Check

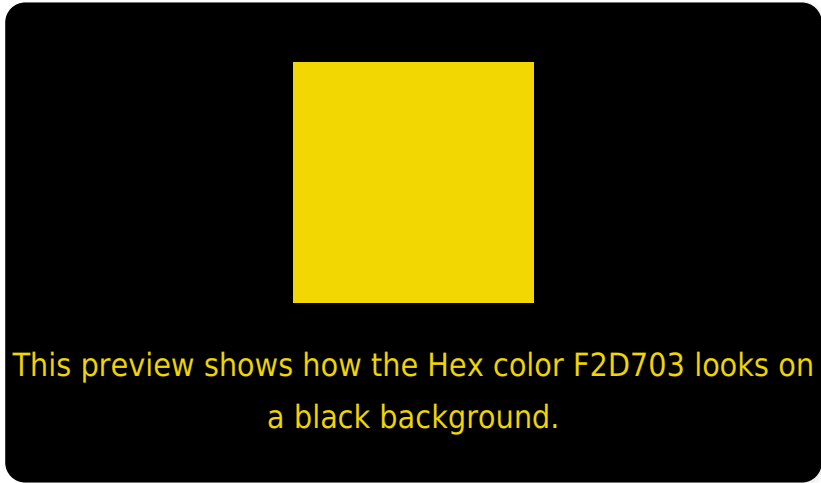
Large Text (above 18pt) WCAG AA × Fail

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 F2D703 Background



This preview shows how black text looks on a background with the Hex color F2D703.



This preview shows how white text looks on a background with the Hex color F2D703.

# 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**  
F2D703

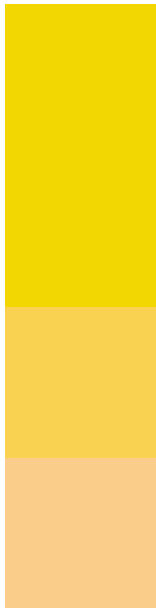
**Protanopia**  
F2D703

**Deuteranopia**  
FFCF7F



**Tritanopia**  
FEC8D7

# Trichromacy



**Original Color**  
F2D703

**Protanomaly**  
F2D703

**Deuteranomaly**  
FAD252

**Tritanomaly**  
FACD8A

# Monochromacy



**Original Color**  
F2D703

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
D7CD80

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F2D703 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 #F2D703 looks like.

```
.text, #text, p{  
    color:#F2D703  
}
```

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 #F2D703 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2D703
}
```

## Border

The CSS property to change the border of an element to Hex F2D703 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
#F2D703 }
```

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

```
.border{ border-color:#F2D703 }
```

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

Here you see how a box with a 4 pixel #F2D703 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2D703; -webkit-box-shadow:4px 4px  
4px 4px #F2D703; box-shadow:4px 4px 4px  
4px #F2D703 }
```

# Background

The CSS property to change the background color of an element to Hex F2D703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2D703 }
```

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

```
.background{ background-color:#F2D703 }
```

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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