

# Converting Colors

Hex(F3C400)

Have a look what the booklet for  
Hex(F3C400) contains.

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# **Color**

**Hex(F3C400)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F3C400                      |
| RGB         | 243, 196, 0                 |
| RGB Percent | 95%, 77%, 0%                |
| CMY         | 0.0471, 0.2314, 1.0000      |
| CMYK        | 0.00, 0.19, 1.00, 0.05      |
| HSL         | 48°, 100%, 48%              |
| HSV         | 48°, 100%, 95%              |
| XYZ         | 56.7021, 58.5345, 8.3098    |
| YIQ         | 187.7090, 90.9280, -50.9920 |

# Conversions

## Conversions Part 2

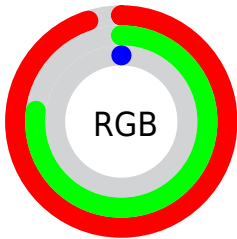
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 58, 243, 0                     |
| Decimal                             | 15975424                       |
| CIELab                              | 81.04, 2.66, 82.47             |
| CIELCh                              | 81, 82.510, 88.155             |
| Yxy                                 | 58.5345, 0.4590,<br>0.4738     |
| Android<br>(android.graphics.Color) | 4294165504<br>(0xFFFF3C400)    |
| YUV                                 | 187.7090, -92.5405,<br>48.4902 |
| Hunter-Lab                          | 76.5079, -1.5975,<br>47.1158   |

# Details

The Hex color **F3C400** 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 **002FF3**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFFC55**, and **B68F00** is the 20% darker color. If you saturate the color by 10%, you get **F3C400**, and if you desaturate by 10%, it is **F3C918**.

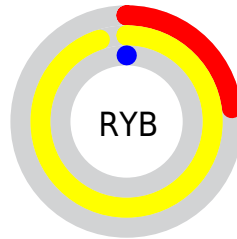
# Distribution



Red (95%)

Green (77%)

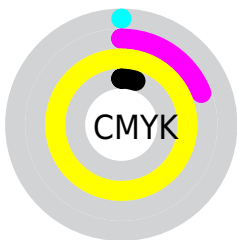
Blue (0%)



Red (23%)

Yellow (95%)

Blue (0%)

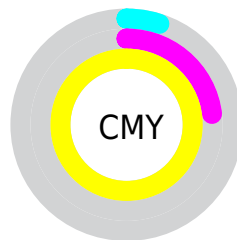


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F3C400 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 F3C400 by changing the saturation by 10% instead.



 F3C400

 F3C400

FFFFFF

 D4A900

 FFFC55

 B68F00

 FFFF72

 987500

 FFFF8F

 7A5D00

 FFFFAC

 5E4600

 FFFFC9

 423000

 FFFF E7

 291B00

 0D0200

 000000

 F3C400

 F3C918

 F3CD31

 F3D249

 F3D761

 F3DC79

 F3E092

 F3E5AA

 F3EAC2

 F3EEDB

# Harmonies

## Analogous

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



FFA542



F3C400



A7DA2C

# Triad

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



F3C400



00EDFF



FF93FF

# Complementary

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



F3C400



002FF3

# 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.



BEB7FF



F3C400



00E5FF

# Square

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



F3C400



00EDC2



00D4FF



FF7CD1

# Rectangle

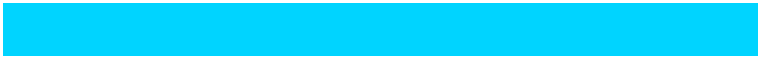
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F3C400



62E35A



00D4FF



FF9FFF



# Sweetspot

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



F3C400



FFF0B3



F30031



807752



000000



808080



# Same Dimension

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



F3C400



FFCE00



AAF300



7A786E



BA9600



3B2F00



# Inverse Universe

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



002FF3



0031FF



4900F3



6E717A



0024BA



000B3B



# Previews

## White Background



This preview shows how the Hex color F3C400 looks on a white background.

## Color Contrast Check

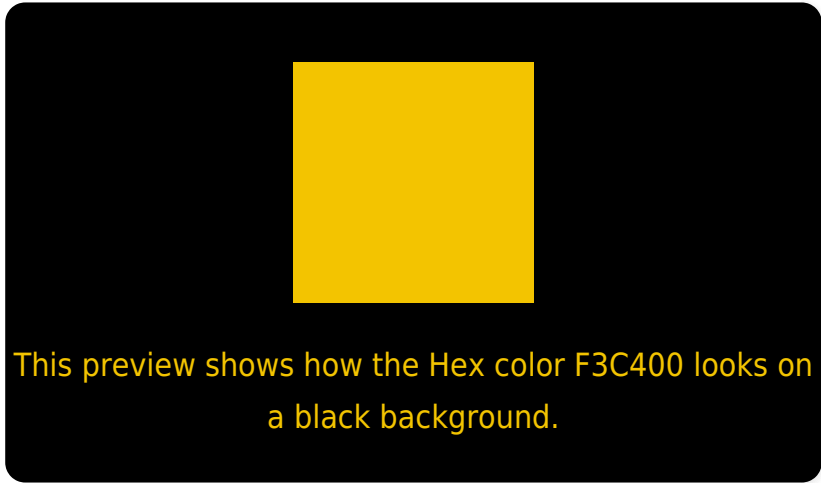
Large Text (above 18pt) WCAG AA × Fail

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 F3C400 Background



This preview shows how black text looks on a background with the Hex color F3C400.



This preview shows how white text looks on a background with the Hex color F3C400.

# 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**  
F3C400

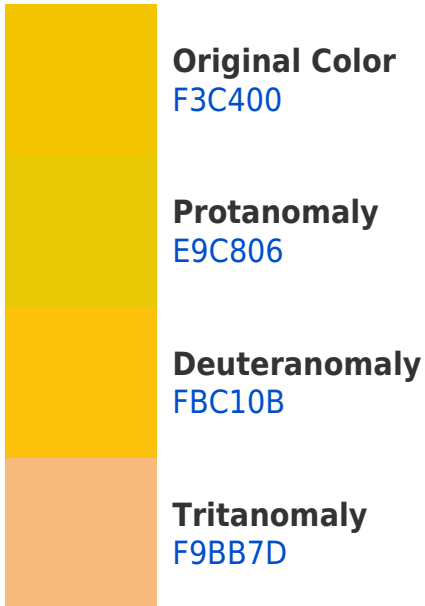
**Protanopia**  
E3CA0A

**Deuteranopia**  
FFBF11

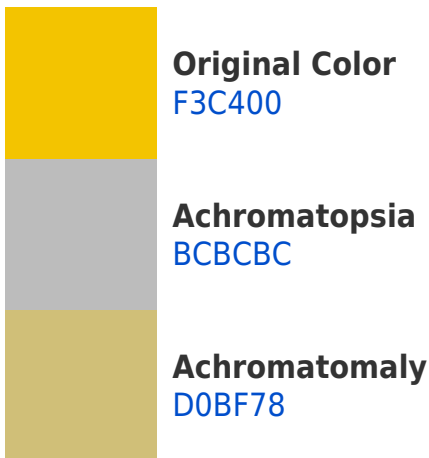


**Tritanopia**  
FDB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F3C400 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 #F3C400 looks like.

```
.text, #text, p{  
    color:#F3C400  
}
```

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 #F3C400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C400
}
```

## Border

The CSS property to change the border of an element to Hex F3C400 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
#F3C400 }
```

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

```
.border{ border-color:#F3C400 }
```

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

Here you see how a box with a 4 pixel #F3C400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C400; -webkit-box-shadow:4px 4px  
4px 4px #F3C400; box-shadow:4px 4px 4px  
4px #F3C400 }
```

# Background

The CSS property to change the background color of an element to Hex F3C400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C400 }
```

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

```
.background{ background-color:#F3C400 }
```

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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