

Converting Colors

Hex(F2B700)

Have a look what the booklet for
Hex(F2B700) contains.

Hex(F2B700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F2B700)

Conversions

Conversions Part 1

Format	Color
Hex	F2B700
RGB	242, 183, 0
RGB Percent	95%, 72%, 0%
CMY	0.0510, 0.2824, 1.0000
CMYK	0.00, 0.24, 1.00, 0.05
HSL	45°, 100%, 47%
HSV	45°, 100%, 95%
XYZ	53.5514, 52.7442, 7.3582
YIQ	179.7790, 93.9070, -44.4050

Conversions

Conversions Part 2

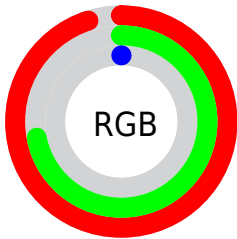
Format	Color
RYB	78, 242, 0
Decimal	15906560
CIELab	77.72, 8.98, 80.13
CIELCh	78, 80.631, 83.602
Yxy	52.7442, 0.4712, 0.4641
Android (android.graphics.Color)	4294096640 (0xFFFF2B700)
YUV	179.7790, -88.6310, 54.5678
Hunter-Lab	72.6252, 4.5259, 44.8306

Details

The Hex color **F2B700** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **003BF2**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **FFEF52**, and **B48300** is the 20% darker color. If you saturate the color by 10%, you get **F2B700**, and if you desaturate by 10%, it is **F2BD18**.

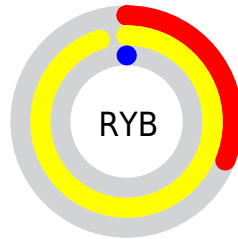
Distribution



Red (95%)

Green (72%)

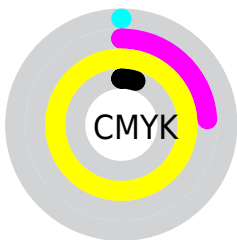
Blue (0%)



Red (31%)

Yellow (95%)

Blue (0%)

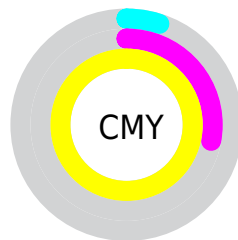


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (28%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color F2B700 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 F2B700 by changing the saturation by 10% instead.

 F2B700

 F2B700

FFFFFF

 D39C00

 FFEF52

 B48300

 FFFF6F

 966A00

 FFFF8C

 795200

 FFFFA9

 5C3B00

 FFFFC6

 412600

 FFFF E3

 281200

 000000

 F2B700

 F2BD18

 F2C330

 F2C949

 F2CF61

 F2D579

 F2DA91

 F2E0A9

 F2E6C2

 F2ECDA

Harmonies

Analogous

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



FF9846



F2B700



ABCE1B

Triad

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



F2B700



00E3FA



FF91FF

Complementary

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



F2B700



003BF2

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.



A0B3FF



F2B700



00DDFF

Square

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



F2B700



00E2AD



00CEFF



FF76D3

Rectangle

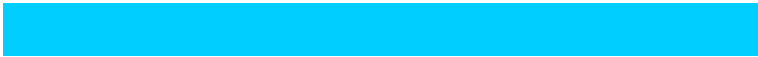
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F2B700



6ED84A



00CEFF



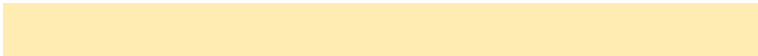
EE9CFF

Sweetspot

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



F2B700



FFECB3



F2003C



807452



000000



808080

Same Dimension

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



F2B700



FFC100



B5F200



78756C



B88B00



382A00

Inverse Universe

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



003BF2



003EFF



3C00F2



6C6F78



002DB8



000E38

Previews

White Background



This preview shows how the Hex color F2B700 looks on a white background.

Color Contrast Check

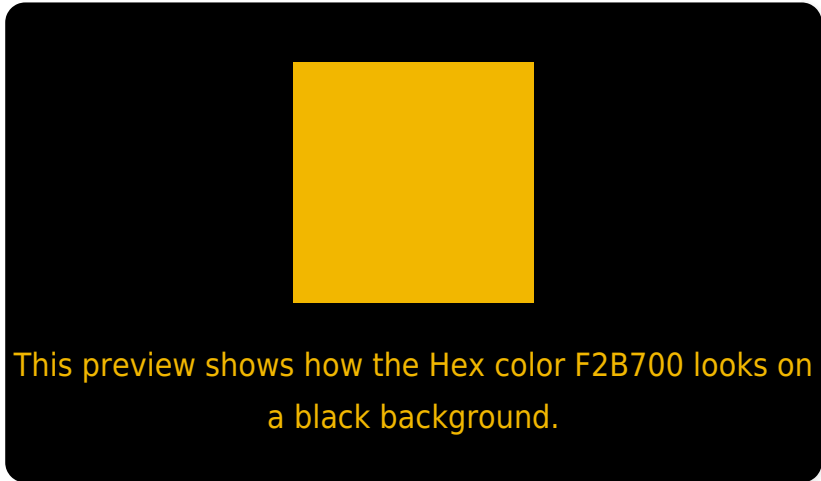
Large Text (above 18pt) WCAG AA × Fail

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 F2B700 Background



This preview shows how black text looks on a background with the Hex color F2B700.



This preview shows how white text looks on a background with the Hex color F2B700.

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

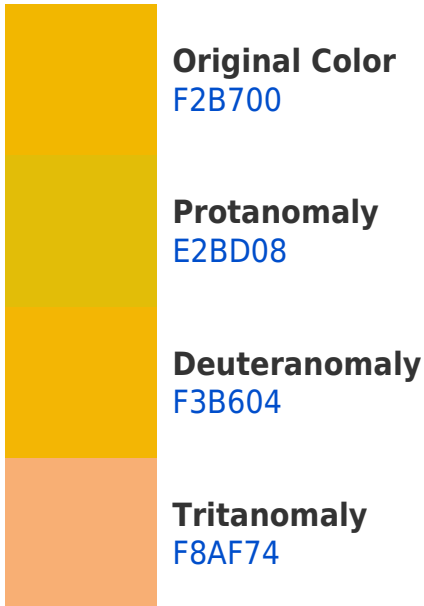


Original Color
F2B700

Protanopia
D9C10D

Deuteranopia
F3B606

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F2B700 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 #F2B700 looks like.

```
.text, #text, p{  
  color:#F2B700  
}
```

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 #F2B700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2B700
}
```

Border

The CSS property to change the border of an element to Hex F2B700 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
#F2B700 }
```

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

```
.border{ border-color:#F2B700 }
```

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

Here you see how a box with a 4 pixel #F2B700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2B700; -webkit-box-shadow:4px 4px  
4px 4px #F2B700; box-shadow:4px 4px 4px  
4px #F2B700 }
```

Background

The CSS property to change the background color of an element to Hex F2B700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2B700 }
```

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

```
.background{ background-color:#F2B700 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor