

Converting Colors

Hex(F062CB)

Have a look what the booklet for
Hex(F062CB) contains.

Hex(F062CB)	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(F062CB)

Conversions

Conversions Part 1

Format	Color
Hex	F062CB
RGB	240, 98, 203
RGB Percent	94%, 38%, 80%
CMY	0.0588, 0.6157, 0.2039
CMYK	0.00, 0.59, 0.15, 0.06
HSL	316°, 83%, 66%
HSV	316°, 59%, 94%
XYZ	51.0824, 31.5724, 59.9017
YIQ	152.4280, 50.9270, 62.7590

Conversions

Conversions Part 2

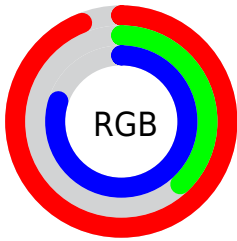
Format	Color
R _Y B	240, 98, 203
Decimal	15753931
CIE Lab	62.99, 66.05, -27.69
CIE LCh	63, 71.624, 337.254
Yxy	31.5724, 0.3583, 0.2215
Android (android.graphics.Color)	4293944011 (0xFFFF062CB)
YUV	152.4280, 24.9320, 76.8006
Hunter-Lab	56.1893, 63.9450, -23.8746

Details

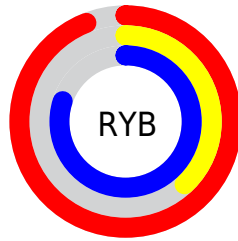
The Hex color **F062CB** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **62F087**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9BFF**, and **B52395** is the 20% darker color. If you saturate the color by 10%, you get **F04AC5**, and if you desaturate by 10%, it is **F07AD1**.

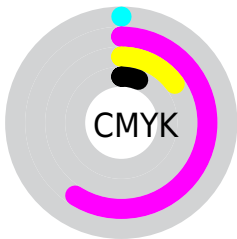
Distribution



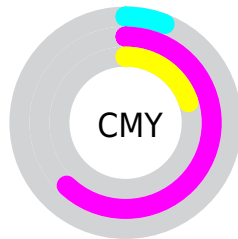
- Red (94%)
- Green (38%)
- Blue (80%)



- Red (94%)
- Yellow (38%)
- Blue (80%)



- Cyan (0%)
- Magenta (59%)
- Yellow (15%)
- Black (6%)



- Cyan (6%)
- Magenta (62%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color F062CB 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 F062CB by changing the saturation by 10% instead.

 F062CB

 F062CB

FFFFFF

 D245AF

 FF9BFF

 B52395

 FFB8FF

 98007B

 FFD5FF

 7B0061

 FFF3FF

 600049

 450032

 2A001D

 000000

 F062CB

 F062CB

 F04AC5

 F07AD1

 F032BE

 F092D8

 F01AB8

 F0AADE

 F002B2

 F0C2E4

 F000B1

 F0DAEA

 F0F2F1

 F0FFF7

 F0FFFD

 F0FFFF

Harmonies

Analogous

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



AD80FF



F062CB



FF558C

Triad

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



F062CB



A89B00



00B4E4

Complementary

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



F062CB



62F087

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.



00B6A7



F062CB



64AA25

Square

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



F062CB



DD8313



00B264



00ACFF

Rectangle

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



F062CB



FF5E62



00B264



00B5D1

Sweetspot

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



F062CB



FFD1F3



8562F0



806378



000000



808080

Same Dimension

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



F062CB



FF4AD0



F06285



786C75



B80088



380029

Inverse Universe

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



F062CB



FF4AD0



62F0CC



786C75



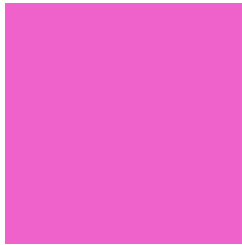
B80088



380029

Previews

White Background



This preview shows how the Hex color F062CB 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 F062CB Background



This preview shows how black text looks on a background with the Hex color F062CB.



This preview shows how white text looks on a background with the Hex color F062CB.

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





Tritanopia
E8757E

Trichromacy



Original Color
F062CB



Protanomaly
A283E5



Deuteranomaly
B483C6



Tritanomaly
EB6E9A

Monochromacy



Original Color
F062CB



Achromatopsia
989898



Achromatomaly
B884AB

CSS Examples

Text

The CSS property to change the color of the text to Hex F062CB 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 #F062CB looks like.

```
.text, #text, p{  
    color:#F062CB  
}
```

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 #F062CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F062CB
}
```

Border

The CSS property to change the border of an element to Hex F062CB 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
#F062CB }
```

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

```
.border{ border-color:#F062CB }
```

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

Here you see how a box with a 4 pixel #F062CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F062CB; -webkit-box-shadow:4px 4px  
4px 4px #F062CB; box-shadow:4px 4px 4px  
4px #F062CB }
```

Background

The CSS property to change the background color of an element to Hex F062CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F062CB }
```

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

```
.background{ background-color:#F062CB }
```

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