

# Converting Colors

Hex(F800C5)

Have a look what the booklet for  
Hex(F800C5) contains.

<b>Hex(F800C5)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(F800C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	F800C5
RGB	248, 0, 197
RGB Percent	97%, 0%, 77%
CMY	0.0275, 1.0000, 0.2275
CMYK	0.00, 1.00, 0.21, 0.03
HSL	312°, 100%, 49%
HSV	312°, 100%, 97%
XYZ	48.7894, 23.9877, 54.8819
YIQ	96.6100, 84.5710, 113.8430

# Conversions

## Conversions Part 2

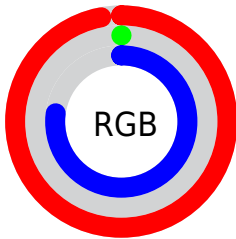
Format	Color
<b>RYB</b>	248, 0, 197
Decimal	16253125
CIELab	56.08, 89.67, -34.90
CIELCh	56, 96.225, 338.735
Yxy	23.9877, 0.3822, 0.1879
Android (android.graphics.Color)	4294443205 (0xFFFF800C5)
YUV	96.6100, 49.4923, 132.7690
Hunter-Lab	48.9772, 92.1055, -32.1540

# Details

The Hex color **F800C5** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F833**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **FF65FE**, and **BA008F** is the 20% darker color. If you saturate the color by 10%, you get **F800C5**, and if you desaturate by 10%, it is **F819CA**.

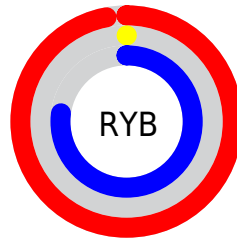
# Distribution



Red (97%)

Green (0%)

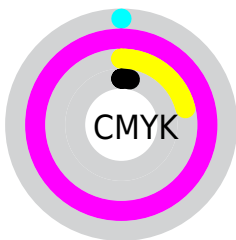
Blue (77%)



Red (97%)

Yellow (0%)

Blue (77%)

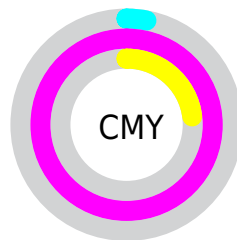


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (3%)



Cyan (3%)

Magenta (100%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F800C5 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 F800C5 by changing the saturation by 10% instead.



 F800C5

 F800C5

FFFFFF

 D900A9

 FF65FE

 BA008F

 FF85FF

 9C0075

 FFA5FF

 7E005C

 FFC3FF

 610044

 FFE2FF

 44002D

 260017

 000000

 F800C5

 F819CA

 F832CF

 F84AD4

 F863D9

 F87CDF

 F895E4

 F8AEE9

 F8C6EE

 F8DFF3

# Harmonies

## Analogous

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



A061FF



F800C5



FF0072

# Triad

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



F800C5



8E8B00



00A8EF

# Complementary

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



F800C5



00F833

# 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.



00A89E



F800C5



1A9D00

# Square

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



F800C5



D26B00



00A544



00A0FF

# Rectangle

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



F800C5



FF003C



00A544



00A8D6



# Sweetspot

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



F800C5



FFB3EF



3200F8



805276



000000



808080



# Same Dimension

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



F800C5



FF00CB



F8004A



7D707A



BD0096



3D0031



# Inverse Universe

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



F800C5



FF00CB



00F8AE



7D707A



BD0096



3D0031



# Previews

## White Background



This preview shows how the Hex color F800C5 looks on a white background.

## Color Contrast Check

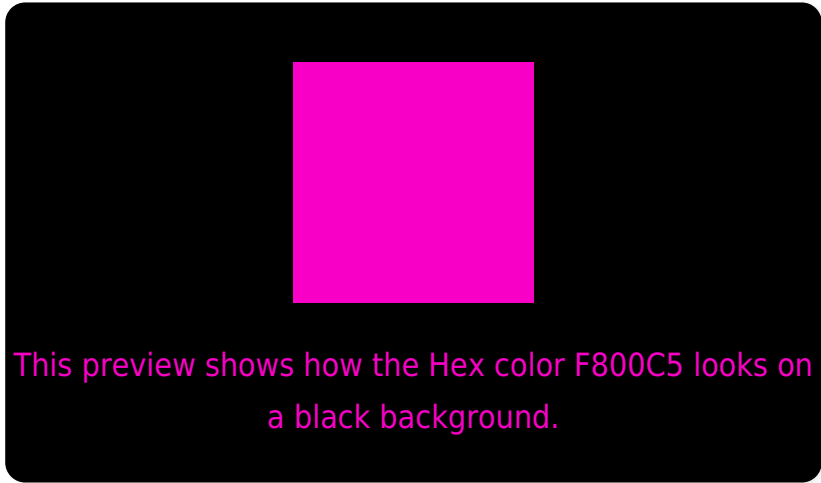
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F800C5 Background



This preview shows how black text looks on a background with the Hex color F800C5.




This preview shows how white text looks on a background with the Hex color F800C5.

# 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**  
EF4E52

# Trichromacy



**Original Color**  
F800C5



**Protanomaly**  
8654EA



**Deuteranomaly**  
A755BD



**Tritanomaly**  
F2327C

# Monochromacy



**Original Color**  
F800C5



**Achromatopsia**  
616161



**Achromatomaly**  
983E85

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F800C5 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 #F800C5 looks like.

```
.text, #text, p{  
    color:#F800C5  
}
```

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 #F800C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F800C5
}
```

## Border

The CSS property to change the border of an element to Hex F800C5 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
#F800C5 }
```

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

```
.border{ border-color:#F800C5 }
```

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

Here you see how a box with a 4 pixel #F800C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F800C5; -webkit-box-shadow:4px 4px  
4px 4px #F800C5; box-shadow:4px 4px 4px  
4px #F800C5 }
```

# Background

The CSS property to change the background color of an element to Hex F800C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F800C5 }
```

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

```
.background{ background-color:#F800C5 }
```

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