

# Converting Colors

Hex(F200C2)

Have a look what the booklet for  
Hex(F200C2) contains.

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# Color

Hex(F200C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	F200C2
RGB	242, 0, 194
RGB Percent	95%, 0%, 76%
CMY	0.0510, 1.0000, 0.2392
CMYK	0.00, 1.00, 0.20, 0.05
HSL	312°, 100%, 47%
HSV	312°, 100%, 95%
XYZ	46.3556, 22.7723, 52.9912
YIQ	94.4740, 81.9580, 111.6380

# Conversions

## Conversions Part 2

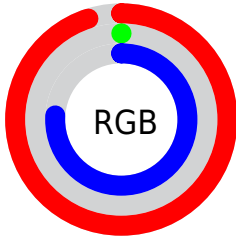
Format	Color
<b>RYB</b>	242, 0, 194
Decimal	15859906
CIELab	54.84, 88.24, -35.19
CIElCh	55, 94.997, 338.261
Yxy	22.7723, 0.3796, 0.1865
Android (android.graphics.Color)	4294049986 (0xFFFF200C2)
YUV	94.4740, 49.0663, 129.3803
Hunter-Lab	47.7203, 89.8845, -32.4346

# Details

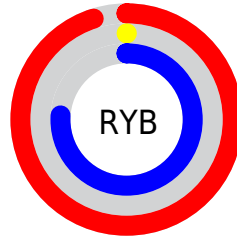
The Hex color **F200C2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F230**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64FB**, and **B5008C** is the 20% darker color. If you saturate the color by 10%, you get **F200C2**, and if you desaturate by 10%, it is **F218C7**.

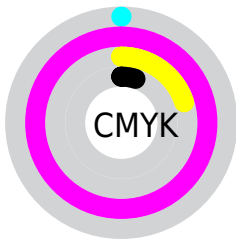
# Distribution



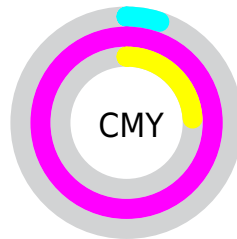
- Red (95%)
- Green (0%)
- Blue (76%)



- Red (95%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (100%)
- Yellow (20%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F200C2 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 F200C2 by changing the saturation by 10% instead.



 F200C2

 F200C2

FFFFFF

 D300A7

 FF64FB

 B5008C

 FF84FF

 970072

 FFA3FF


 790059

 FFC2FF

 5C0041

 FFE0FF

 3F002A

 210014

 000000

 F200C2

 F218C7

 F230CC

 F249D0

 F261D5

 F279DA

 F291DF

 F2A9E4

 F2C2E8

 F2DAED

# Harmonies

## Analogous

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



9A5FFF



F200C2



FF0071

# Triad

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



F200C2



8C8800



00A4E9

# Complementary

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



F200C2



00F230

# 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.



00A499



F200C2



1C9900

# Square

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



F200C2



CF6700



00A141



009CFF

# Rectangle

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



F200C2



FF003C



00A141



00A4D0



# Sweetspot

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



F200C2



FFB3F0



2C00F2



805276



000000



808080



# Same Dimension

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



F200C2



FF00CC



F2004D



786C75



B80093



38002D



# Inverse Universe

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



F200C2



FF00CC



00F2A5



786C75



B80093



38002D



# Previews

## White Background



This preview shows how the Hex color F200C2 looks on a white background.

## Color Contrast Check

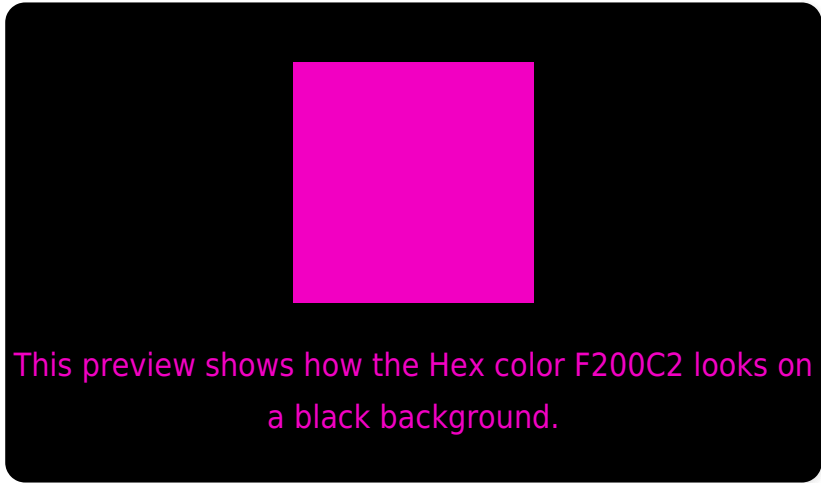
Large Text (above 18pt) WCAG AA ✓ Pass

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 F200C2 Background



This preview shows how black text looks on a background with the Hex color F200C2.



This preview shows how white text looks on a background with the Hex color F200C2.

# 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](#).

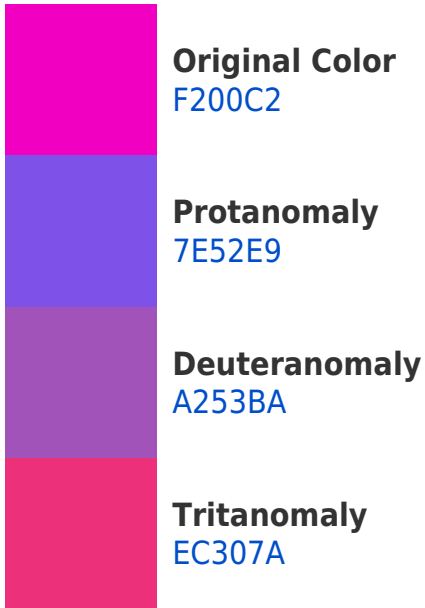
## Dichromacy





**Tritanopia**  
E94C51

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex F200C2 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 #F200C2 looks like.

```
.text, #text, p{  
    color:#F200C2  
}
```

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 #F200C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F200C2
}
```

## Border

The CSS property to change the border of an element to Hex F200C2 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
#F200C2 }
```

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

```
.border{ border-color:#F200C2 }
```

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

Here you see how a box with a 4 pixel #F200C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F200C2; -webkit-box-shadow:4px 4px  
4px 4px #F200C2; box-shadow:4px 4px 4px  
4px #F200C2 }
```

# Background

The CSS property to change the background color of an element to Hex F200C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F200C2 }
```

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

```
.background{ background-color:#F200C2 }
```

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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