

# Converting Colors

Hex(F900CB)

Have a look what the booklet for  
Hex(F900CB) contains.

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**Color**

**Hex(F900CB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F900CB
RGB	249, 0, 203
RGB Percent	98%, 0%, 80%
CMY	0.0235, 1.0000, 0.2039
CMYK	0.00, 1.00, 0.18, 0.02
HSL	311°, 100%, 49%
HSV	311°, 100%, 98%
XYZ	49.8464, 24.4515, 58.5923
YIQ	97.5930, 83.2410, 115.9210

# Conversions

## Conversions Part 2

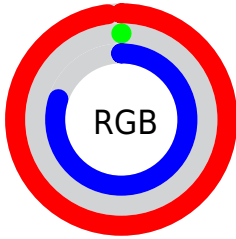
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 0, 203
Decimal	16318667
CIE <sub>Lab</sub>	56.54, 90.55, -37.61
CIE <sub>LCh</sub>	57, 98.054, 337.444
Yxy	24.4515, 0.3751, 0.1840
Android (android.graphics.Color)	4294508747 (0xFFFF900CB)
YUV	97.5930, 51.9657, 132.7839
Hunter-Lab	49.4485, 93.4016, -35.6398

# Details

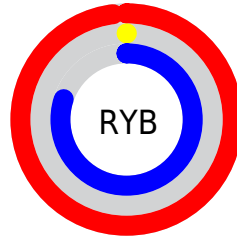
The Hex color **F900CB** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00F92E**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66FF**, and **BB0094** is the 20% darker color. If you saturate the color by 10%, you get **F900CB**, and if you desaturate by 10%, it is **F919D0**.

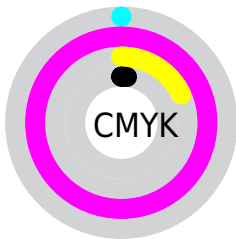
# Distribution



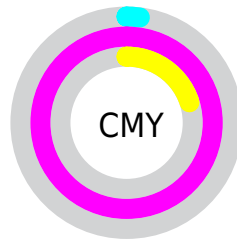
- Red (98%)
- Green (0%)
- Blue (80%)



- Red (98%)
- Yellow (0%)
- Blue (80%)



- Cyan (0%)
- Magenta (100%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (100%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F900CB 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 F900CB by changing the saturation by 10% instead.



 F900CB

 F900CB

FFFFFF

 DA00AF

 FF66FF

 BB0094

 FF86FF

 9D007A

 FFA5FF

 7F0061

 FFC4FF

 620048

 FFE3FF

 460031

 27001B

 000000

 F900CB

 F919D0

 F932D4

 F94BD9

 F964DD

 F97DE2

 F995E7

 F9AE EB

 F9C7F0

 F9E0F4

# Harmonies

## Analogous

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



9B63FF



F900CB



FF0077

# Triad

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



F900CB



928B00



00A9EF

# Complementary

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



F900CB



00F92E

# 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.



00AA9C



F900CB



229E00

# Square

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



F900CB



D76900



00A640



00A2FF

# Rectangle

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



F900CB



FF003F



00A640



00AAD5



# Sweetspot

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



F900CB



FFB3F1



2E00F9



805277



000000



808080



# Same Dimension

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



F900CB



FF00D0



F9004F



7D707B



BD009A



3D0032



# Inverse Universe

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



F900CB



FF00D0



00F9AA



7D707B



BD009A



3D0032



# Previews

## White Background



This preview shows how the Hex color F900CB looks on a white background.

## Color Contrast Check

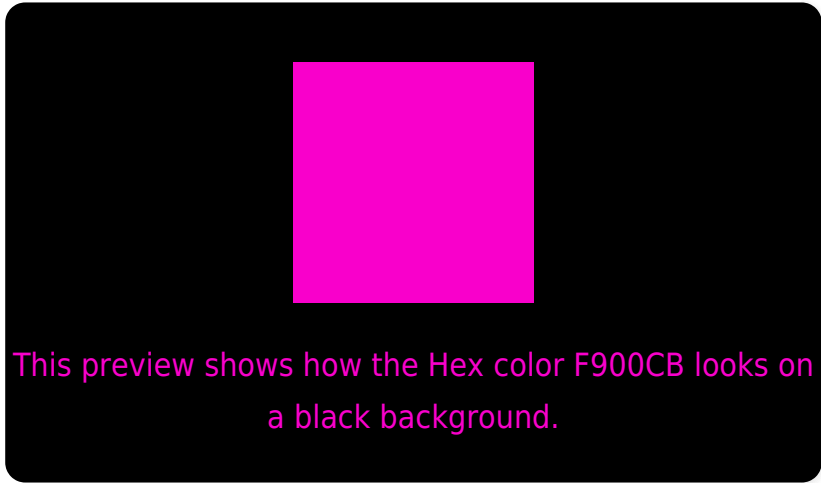
Large Text (above 18pt) WCAG AA ✓ Pass

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 F900CB Background



This preview shows how black text looks on a background with the Hex color F900CB.



This preview shows how white text looks on a background with the Hex color F900CB.

# 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





# Trichromacy



**Original Color**  
F900CB



**Protanomaly**  
8855EC



**Deuteranomaly**  
A656C3



**Tritanomaly**  
F3337F

# Monochromacy



**Original Color**  
F900CB



**Achromatopsia**  
626262



**Achromatomaly**  
993E88

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F900CB 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 #F900CB looks like.

```
.text, #text, p{  
    color:#F900CB  
}
```

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 #F900CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F900CB
}
```

## Border

The CSS property to change the border of an element to Hex F900CB 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
#F900CB }
```

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

```
.border{ border-color:#F900CB }
```

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

Here you see how a box with a 4 pixel #F900CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F900CB; -webkit-box-shadow:4px 4px  
4px 4px #F900CB; box-shadow:4px 4px 4px  
4px #F900CB }
```

# Background

The CSS property to change the background color of an element to Hex F900CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F900CB }
```

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

```
.background{ background-color:#F900CB }
```

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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