

# Converting Colors

Hex(FC09B2)

Have a look what the booklet for  
Hex(FC09B2) contains.

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**Color**

**Hex(FC09B2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FC09B2
RGB	252, 9, 178
RGB Percent	99%, 4%, 70%
CMY	0.0118, 0.9647, 0.3020
CMYK	0.00, 0.96, 0.29, 0.01
HSL	318°, 98%, 51%
HSV	318°, 96%, 99%
XYZ	48.2785, 24.1052, 44.2277
YIQ	100.9230, 90.5790, 104.0750

# Conversions

## Conversions Part 2

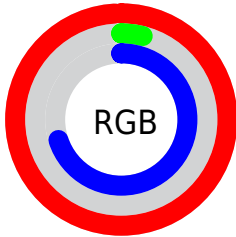
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	252, 9, 178
Decimal	16517554
CIE <sub>Lab</sub>	56.19, 87.76, -23.65
CIE <sub>LCh</sub>	56, 90.894, 344.920
Yxy	24.1052, 0.4140, 0.2067
Android (android.graphics.Color)	4294707634 (0xFFFC09B2)
YUV	100.9230, 37.9990, 132.4945
Hunter-Lab	49.0970, 89.6042, -19.0418

# Details

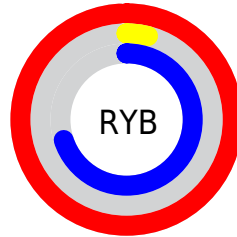
The Hex color **FC09B2** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **09FC53**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **FF67EA**, and **BE007D** is the 20% darker color. If you saturate the color by 10%, you get **FC00AF**, and if you desaturate by 10%, it is **FC22BA**.

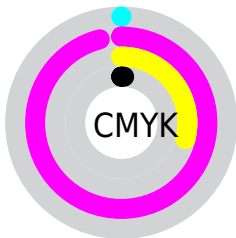
# Distribution



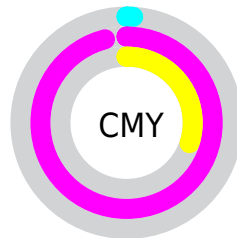
- Red (99%)
- Green (4%)
- Blue (70%)



- Red (99%)
- Yellow (4%)
- Blue (70%)



- Cyan (0%)
- Magenta (96%)
- Yellow (29%)
- Black (1%)



- Cyan (1%)
- Magenta (96%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FC09B2 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 FC09B2 by changing the saturation by 10% instead.



 FC09B2

 FC09B2

FFFFFF

 DD0097

 FF67EA

 BE007D

 FF87FF

 9F0064

 FFA6FF

 81004C

 FFC5FF

 630035

 FFE3FF

 46001F

 290001

 000000

 FC09B2

 FC09B2

 FC00AF

 FC22BA

 FC3BC1

 FC55C9

 FC6ED1

 FC87D8

 FCA0E0

 FCB9E8

 FCD3EF

 FCECF7

# Harmonies

## Analogous

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



B759F8



FC09B2



FF0064

# Triad

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



FC09B2



7F9000



00A6F6

# Complementary

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



FC09B2



09FC53

# 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.



00A7AE



FC09B2



009E00

# Square

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



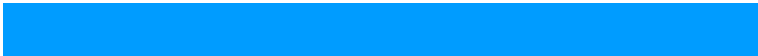
FC09B2



C47400



00A55A



009CFF

# Rectangle

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



FC09B2



FF3230



00A55A



00A7E0



# Sweetspot

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



FC09B2



FFB5E8



5209FC



805372



000000



808080



# Same Dimension

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



FC09B2



FF00B1



FC093A



7D7079



BD0083



3D002B



# Inverse Universe

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



FC09B2



FF00B1



09FCCB



7D7079



BD0083



3D002B



# Previews

## White Background



This preview shows how the Hex color FC09B2 looks on a white background.

## Color Contrast Check

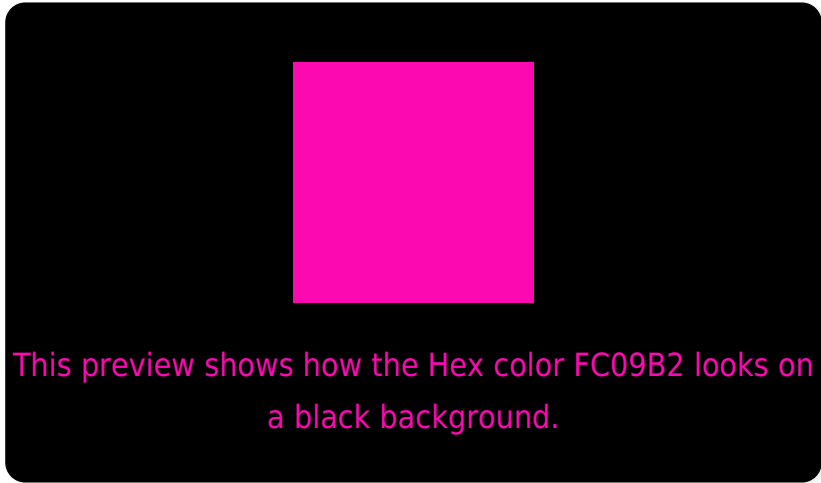
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC09B2 Background



This preview shows how black text looks on a background with the Hex color FC09B2.



This preview shows how white text looks on a background with the Hex color FC09B2.

# 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**  
FC09B2



**Protanomaly**  
8957E2



**Deuteranomaly**  
B058AA



**Tritanomaly**  
F83070

# Monochromacy



**Original Color**  
FC09B2



**Achromatopsia**  
656565



**Achromatomaly**  
9C4481

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FC09B2 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 #FC09B2 looks like.

```
.text, #text, p{  
    color:#FC09B2  
}
```

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 #FC09B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC09B2
}
```

## Border

The CSS property to change the border of an element to Hex FC09B2 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
#FC09B2 }
```

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

```
.border{ border-color:#FC09B2 }
```

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

Here you see how a box with a 4 pixel #FC09B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC09B2; -webkit-box-shadow:4px 4px  
4px 4px #FC09B2; box-shadow:4px 4px 4px  
4px #FC09B2 }
```

# Background

The CSS property to change the background color of an element to Hex FC09B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC09B2 }
```

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

```
.background{ background-color:#FC09B2 }
```

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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