

# Converting Colors

Hex(FA49C0)

Have a look what the booklet for  
Hex(FA49C0) contains.

<b>Hex(FA49C0)</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(FA49C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA49C0
RGB	250, 73, 192
RGB Percent	98%, 29%, 75%
CMY	0.0196, 0.7137, 0.2471
CMYK	0.00, 0.71, 0.23, 0.02
HSL	320°, 95%, 63%
HSV	320°, 71%, 98%
XYZ	51.3213, 28.8949, 52.7415
YIQ	139.4890, 67.2930, 74.5330

# Conversions

## Conversions Part 2

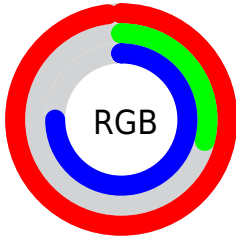
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 73, 192
Decimal	16402880
CIE Lab	60.69, 76.60, -24.85
CIE LCh	61, 80.527, 342.027
Yxy	28.8949, 0.3860, 0.2173
Android (android.graphics.Color)	4294592960 (0xFFFA49C0)
YUV	139.4890, 25.8879, 96.9181
Hunter-Lab	53.7539, 76.3527, -20.5455

# Details

The Hex color **FA49C0** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed magenta. A complement of this color would be **49FA83**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **FF87F9**, and **BD008A** is the 20% darker color. If you saturate the color by 10%, you get **FA30B8**, and if you desaturate by 10%, it is **FA62C8**.

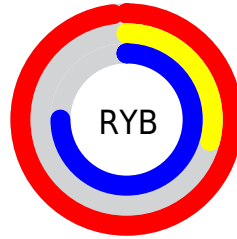
# Distribution



Red (98%)

Green (29%)

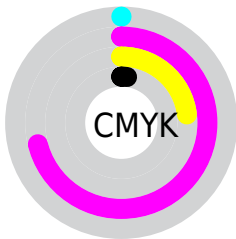
Blue (75%)



Red (98%)

Yellow (29%)

Blue (75%)

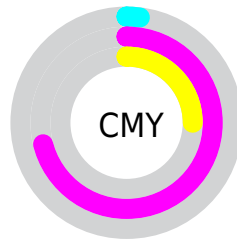


Cyan (0%)

Magenta (71%)

Yellow (23%)

Black (2%)



Cyan (2%)

Magenta (71%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA49C0 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 FA49C0 by changing the saturation by 10% instead.



 FA49C0

 FA49C0

FFFFFF

 DB23A5

 FF87F9

 BD008A

 FFA4FF

 9F0071

 FFC2FF

 820058

 FFE0FF

 650040

FFFEFF

 4A002A

 2D0014

 000000

 FA49C0

 FA49C0

 FA30B8

 FA62C8

 FA17B0

 FA7BD0

 FA00A8

 FA94D9

 FAADE1

 FAC6E9

 FADFF1

 FAF8F9

 FAFFFF

# Harmonies

## Analogous

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



B770FD



FA49C0



FF3C79

# Triad

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



FA49C0



969800



00B0F1

# Complementary

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



FA49C0



49FA83

# 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.



00B2AE



FA49C0



40A70F

# Square

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



FA49C0



D37F00



00AF63



00A6FF

# Rectangle

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



FA49C0



FF4F4B



00AF63



00B1DC



# Sweetspot

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



FA49C0



FFC9ED



8149FA



806075



000000



808080



# Same Dimension

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



FA49C0



FF26B8



FA4969



7D7079



BD007F



3D0029



# Inverse Universe

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



FA49C0



FF26B8



49FADA



7D7079



BD007F



3D0029



# Previews

## White Background



This preview shows how the Hex color FA49C0 looks on a white background.

## Color Contrast Check

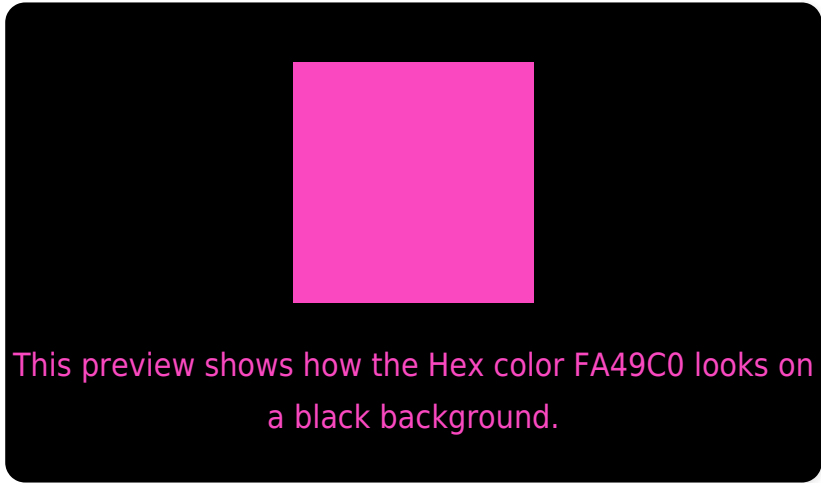
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA49C0 Background



This preview shows how black text looks on a background with the Hex color FA49C0.




This preview shows how white text looks on a background with the Hex color FA49C0.

# 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**  
F36269

# Trichromacy



**Original Color**  
FA49C0



**Protanomaly**  
9D76E2



**Deuteranomaly**  
B676BA



**Tritanomaly**  
F65989

# Monochromacy



**Original Color**  
FA49C0



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
B3739E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA49C0 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 #FA49C0 looks like.

```
.text, #text, p{  
    color:#FA49C0  
}
```

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 #FA49C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA49C0
}
```

## Border

The CSS property to change the border of an element to Hex FA49C0 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
#FA49C0 }
```

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

```
.border{ border-color:#FA49C0 }
```

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

Here you see how a box with a 4 pixel #FA49C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA49C0; -webkit-box-shadow:4px 4px  
4px 4px #FA49C0; box-shadow:4px 4px 4px  
4px #FA49C0 }
```

# Background

The CSS property to change the background color of an element to Hex FA49C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA49C0 }
```

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

```
.background{ background-color:#FA49C0 }
```

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