

# Converting Colors

Hex(F95FC8)

Have a look what the booklet for  
Hex(F95FC8) contains.

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# Color

**Hex(F95FC8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F95FC8
RGB	249, 95, 200
RGB Percent	98%, 37%, 78%
CMY	0.0235, 0.6275, 0.2157
CMYK	0.00, 0.62, 0.20, 0.02
HSL	319°, 93%, 67%
HSV	319°, 62%, 98%
XYZ	53.5845, 32.4943, 58.0914
YIQ	153.0160, 58.0790, 65.3030

# Conversions

## Conversions Part 2

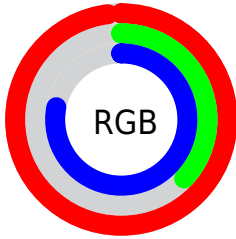
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	249, 95, 200
Decimal	16342984
CIE Lab	63.75, 69.30, -24.71
CIE LCh	64, 73.578, 340.375
Yxy	32.4943, 0.3717, 0.2254
Android (android.graphics.Color)	4294533064 (0xFFFF95FC8)
YUV	153.0160, 23.1631, 84.1780
Hunter-Lab	57.0038, 68.0363, -20.5186

# Details

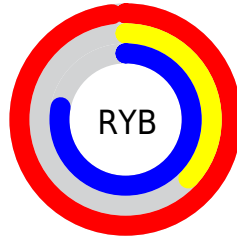
The Hex color **F95FC8** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5FF990**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **FF99FF**, and **BD1B92** is the 20% darker color. If you saturate the color by 10%, you get **F946C0**, and if you desaturate by 10%, it is **F978D0**.

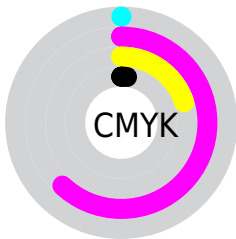
# Distribution



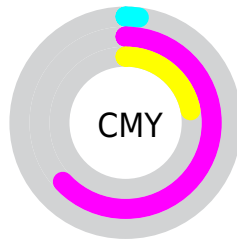
- Red (98%)
- Green (37%)
- Blue (78%)



- Red (98%)
- Yellow (37%)
- Blue (78%)



- Cyan (0%)
- Magenta (62%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (63%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F95FC8 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 F95FC8 by changing the saturation by 10% instead.



 F95FC8

 F95FC8

FFFFFF

 DB40AD

 FF99FF

 BD1B92

 FFB6FF

 A00078

 FFD4FF

 83005F

 FFF1FF

 660047

 4B0030

 30001B

 000000

 F95FC8

 F95FC8

 F946C0

 F978D0

 F92DB8

 F991D8

 F914B0

 F9AAE0

 F900AA

 F9C3E8

 F9DBF0

 F9F4F8

 F9FFFF

# Harmonies

## Analogous

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



B97EFF



F95FC8



FF5486

# Triad

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



F95FC8



A49F00



00B6EE

# Complementary

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



F95FC8



5FF990

# 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.



00B8B0



F95FC8



5AAE29

# Square

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



F95FC8



DB8702



00B66C



00ADFF

# Rectangle

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



F95FC8



FF605C



00B66C



00B8DB



# Sweetspot

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



F95FC8



FFCFF0



905FF9



806276



000000



808080



# Same Dimension

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



F95FC8



FF42C3



F95F7B



7D7079



BD0081



3D002A



# Inverse Universe

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



F95FC8



FF42C3



5FF9DD



7D7079



BD0081



3D002A



# Previews

## White Background



This preview shows how the Hex color F95FC8 looks on a white background.

## Color Contrast Check

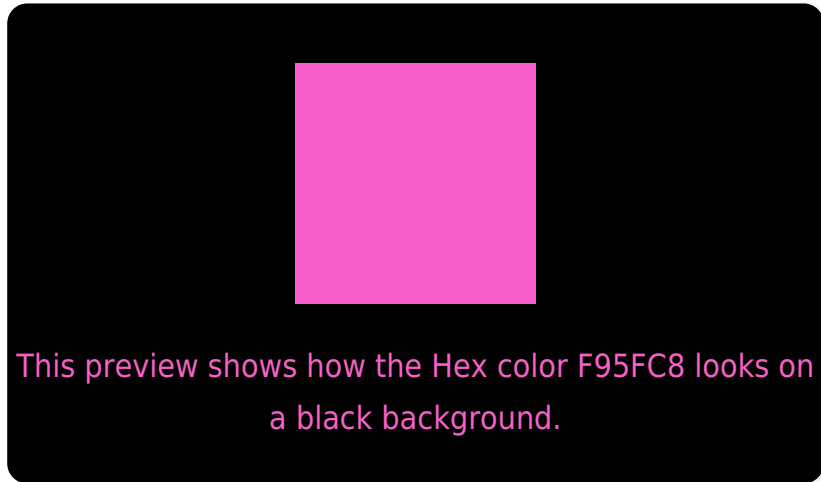
Large Text (above 18pt) WCAG AA × Fail

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

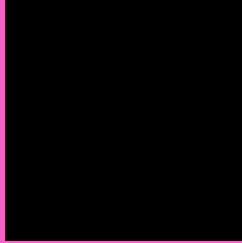
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F95FC8 Background



This preview shows how black text looks on a background with the Hex color F95FC8.



This preview shows how white text looks on a background with the Hex color F95FC8.

# 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**  
F2737A

# Trichromacy



**Original Color**  
F95FC8



**Protanomaly**  
A783E4



**Deuteranomaly**  
BB83C2



**Tritanomaly**  
F56C96

# Monochromacy



**Original Color**  
F95FC8



**Achromatopsia**  
999999



**Achromatomaly**  
BC84AA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F95FC8 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 #F95FC8 looks like.

```
.text, #text, p{  
    color:#F95FC8  
}
```

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 #F95FC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F95FC8  
}
```

## Border

The CSS property to change the border of an element to Hex F95FC8 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  
#F95FC8 }
```

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

```
.border{ border-color:#F95FC8 }
```

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

Here you see how a box with a 4 pixel #F95FC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F95FC8; -webkit-box-shadow:4px 4px  
4px 4px #F95FC8; box-shadow:4px 4px 4px  
4px #F95FC8 }
```

# Background

The CSS property to change the background color of an element to Hex F95FC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F95FC8 }
```

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

```
.background{ background-color:#F95FC8 }
```

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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