

# Converting Colors

Hex(F65A9C)

Have a look what the booklet for  
Hex(F65A9C) contains.

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# **Color**

**Hex(F65A9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F65A9C
RGB	246, 90, 156
RGB Percent	96%, 35%, 61%
CMY	0.0353, 0.6471, 0.3882
CMYK	0.00, 0.63, 0.37, 0.04
HSL	335°, 90%, 66%
HSV	335°, 63%, 96%
XYZ	47.6630, 29.3055, 34.5969
YIQ	144.1680, 71.7900, 53.5980

# Conversions

## Conversions Part 2

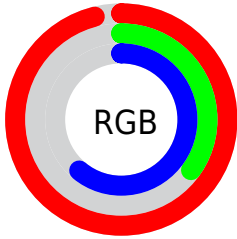
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 90, 156
Decimal	16145052
CIE Lab	61.05, 65.12, -3.63
CIE LCh	61, 65.226, 356.809
Yxy	29.3055, 0.4272, 0.2627
Android (android.graphics.Color)	4294335132 (0xFFFF65A9C)
YUV	144.1680, 5.8332, 89.3067
Hunter-Lab	54.1345, 62.4256, 0.0024

# Details

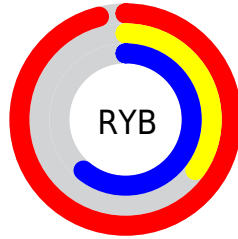
The Hex color **F65A9C** is a light color, and the websafe version is hex **FF6699**. The color can be described as light muted rose. A complement of this color would be **5AF6B4**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF94D2**, and **B91569** is the 20% darker color. If you saturate the color by 10%, you get **F6418E**, and if you desaturate by 10%, it is **F673AA**.

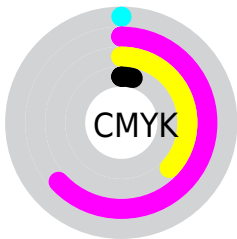
# Distribution



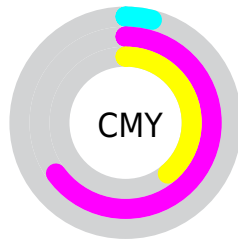
- Red (96%)
- Green (35%)
- Blue (61%)



- Red (96%)
- Yellow (35%)
- Blue (61%)



- Cyan (0%)
- Magenta (63%)
- Yellow (37%)
- Black (4%)



- Cyan (4%)
- Magenta (65%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F65A9C 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 F65A9C by changing the saturation by 10% instead.



 F65A9C

 F65A9C

FFFFFF

 D73C82

 FF94D2

 B91569

 FF80EF

 9B0051

 FFCEFF

 7E003A

 FFE8FF

 610025

 46000F

 280001

 000000

 F65A9C

 F65A9C

 F6418E

 F673AA

 F62980

 F68BB8

 F61071

 F6A4C7

 F60068

 F6BCD5

 F6D5E3

 F6EEF1

 F6FFFF

# Harmonies

## Analogous

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



D36CD3



F65A9C



F86063

# Triad

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



F65A9C



7D9F1C



00A9F3

# Complementary

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



F65A9C



5AF6B4

# 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.



00AEC6



F65A9C



1FA950

# Square

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



F65A9C



B58F03



00AE8B



009CFF

# Rectangle

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



F65A9C



EA6F41



00AE8B



00ABE6



# Sweetspot

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



F65A9C



FFCFE3



B25AF6



80626F



000000



808080



# Same Dimension

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



F65A9C



FF3D8F



F6645A



7A6E73



BA004F



3B0019



# Inverse Universe

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



F65A9C



FF3D8F



5AECF6



7A6E73



BA004F



3B0019



# Previews

## White Background



This preview shows how the Hex color F65A9C looks on a white background.

## Color Contrast Check

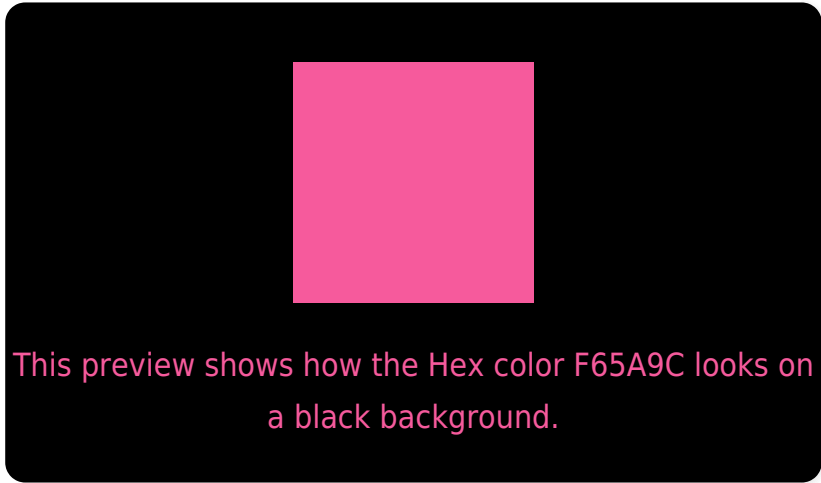
Large Text (above 18pt) WCAG AA ✓ Pass

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 F65A9C Background



This preview shows how black text looks on a background with the Hex color F65A9C.



This preview shows how white text looks on a background with the Hex color F65A9C.

# 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**  
F2656B

# Trichromacy



**Original Color**  
F65A9C



**Protanomaly**  
B07EB3



**Deuteranomaly**  
C17C97



**Tritanomaly**  
F3617D

# Monochromacy



**Original Color**  
F65A9C



**Achromatopsia**  
909090



**Achromatomaly**  
B57C94

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F65A9C 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 #F65A9C looks like.

```
.text, #text, p{  
  color:#F65A9C  
}
```

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 #F65A9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F65A9C
}
```

## Border

The CSS property to change the border of an element to Hex F65A9C 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
#F65A9C }
```

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

```
.border{ border-color:#F65A9C }
```

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

Here you see how a box with a 4 pixel #F65A9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F65A9C; -webkit-box-shadow:4px 4px  
4px 4px #F65A9C; box-shadow:4px 4px 4px  
4px #F65A9C }
```

# Background

The CSS property to change the background color of an element to Hex F65A9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F65A9C }
```

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

```
.background{ background-color:#F65A9C }
```

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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