

# Converting Colors

Hex(F759D7)

Have a look what the booklet for  
Hex(F759D7) contains.

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**Color**

**Hex(F759D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F759D7
RGB	247, 89, 215
RGB Percent	97%, 35%, 84%
CMY	0.0314, 0.6510, 0.1569
CMYK	0.00, 0.64, 0.13, 0.03
HSL	312°, 91%, 66%
HSV	312°, 64%, 97%
XYZ	54.1959, 31.8252, 67.5764
YIQ	150.6060, 53.7220, 72.6820

# Conversions

## Conversions Part 2

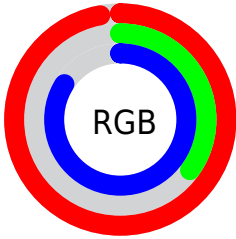
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 89, 215
Decimal	16210391
CIE Lab	63.20, 73.24, -34.05
CIE LCh	63, 80.772, 335.067
Yxy	31.8252, 0.3528, 0.2072
Android (android.graphics.Color)	4294400471 (0xFFFF759D7)
YUV	150.6060, 31.7462, 84.5375
Hunter-Lab	56.4138, 72.7579, -31.5320

# Details

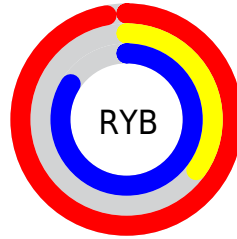
The Hex color **F759D7** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **59F779**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **FF94FF**, and **BB09A0** is the 20% darker color. If you saturate the color by 10%, you get **F740D2**, and if you desaturate by 10%, it is **F772DC**.

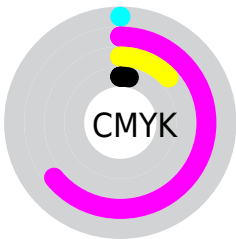
# Distribution



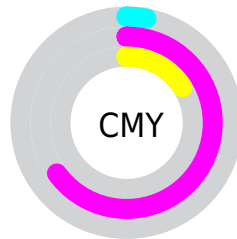
- Red (97%)
- Green (35%)
- Blue (84%)



- Red (97%)
- Yellow (35%)
- Blue (84%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (65%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F759D7 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 F759D7 by changing the saturation by 10% instead.



 F759D7

 F759D7

FFFFFF

 D939BB

 FF94FF

 BB09A0

 FFB1FF

 9E0085

 FFCFFF

 81006C

 FFEDFF

 650053

 49003B

 2E0025

 00000C

 000000

 F759D7

 F759D7

 F740D2

 F772DC

 F728CD

 F78AE1

 F70FC8

 F7A3E6

 F700C5

 F7BCEB

 F7D4F0

 F7EDF5

 F7FFFA

 F7FFFF

# Harmonies

## Analogous

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



A680FF



F759D7



FF4390

# Triad

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



F759D7



AD9A00



00B8EA

# Complementary

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



F759D7



59F779

# 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.



00B9A4



F759D7



61AB00

# Square

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



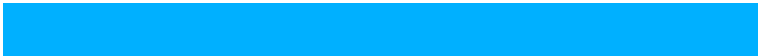
F759D7



E77E00



00B558



00B0FF

# Rectangle

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



F759D7



FF4F61



00B558



00B9D4



# Sweetspot

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



F759D7



FFCFF5



7959F7



80627A



000000



808080



# Same Dimension

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



F759D7



FF3BD7



F75988



7A6E78



BA0094



3B002F



# Inverse Universe

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



F759D7



FF3BD7



59F7C8



7A6E78



BA0094



3B002F



# Previews

## White Background



This preview shows how the Hex color F759D7 looks on a white background.

## Color Contrast Check

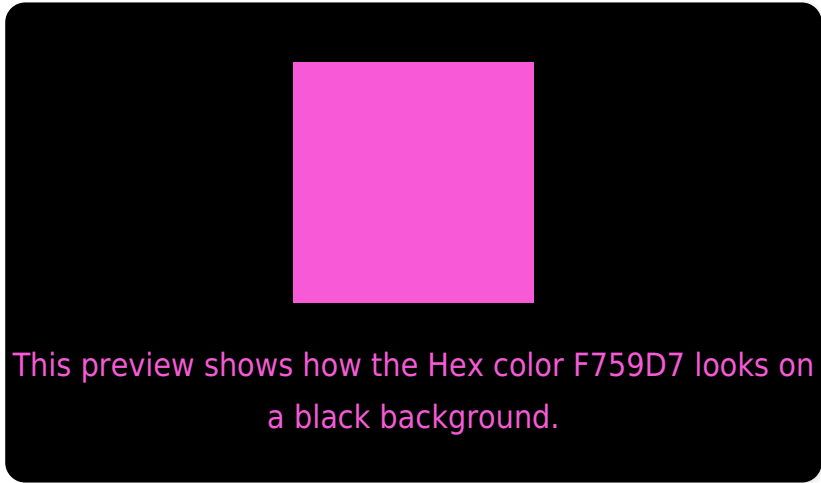
Large Text (above 18pt) WCAG AA × Fail

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 F759D7 Background



This preview shows how black text looks on a background with the Hex color F759D7.



This preview shows how white text looks on a background with the Hex color F759D7.

# 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**  
F759D7



**Protanomaly**  
A080F0



**Deuteranomaly**  
B280D1



**Tritanomaly**  
F1699C

# Monochromacy



**Original Color**  
F759D7



**Achromatopsia**  
979797



**Achromatomaly**  
BA80AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F759D7 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 #F759D7 looks like.

```
.text, #text, p{  
    color:#F759D7  
}
```

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 #F759D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F759D7
}
```

## Border

The CSS property to change the border of an element to Hex F759D7 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
#F759D7 }
```

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

```
.border{ border-color:#F759D7 }
```

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

Here you see how a box with a 4 pixel #F759D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F759D7; -webkit-box-shadow:4px 4px  
4px 4px #F759D7; box-shadow:4px 4px 4px  
4px #F759D7 }
```

# Background

The CSS property to change the background color of an element to Hex F759D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F759D7 }
```

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

```
.background{ background-color:#F759D7 }
```

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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