

# Converting Colors

Hex(F789DF)

Have a look what the booklet for  
Hex(F789DF) contains.

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# **Color**

**Hex(F789DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F789DF
RGB	247, 137, 223
RGB Percent	97%, 54%, 87%
CMY	0.0314, 0.4627, 0.1255
CMYK	0.00, 0.45, 0.10, 0.03
HSL	313°, 87%, 75%
HSV	313°, 45%, 97%
XYZ	60.6227, 42.9932, 74.9154
YIQ	179.6940, 37.9540, 50.0660

# Conversions

## Conversions Part 2

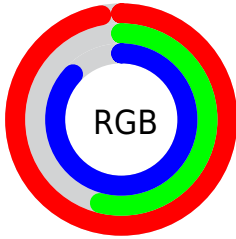
Format	Color
R <sub>YB</sub>	247, 137, 223
Decimal	16222687
CIE Lab	71.55, 53.02, -25.61
CIE LCh	72, 58.887, 334.216
Yxy	42.9932, 0.3396, 0.2408
Android (android.graphics.Color)	4294412767 (0xFFFF789DF)
YUV	179.6940, 21.3499, 59.0274
Hunter-Lab	65.5692, 50.2880, -21.8427

# Details

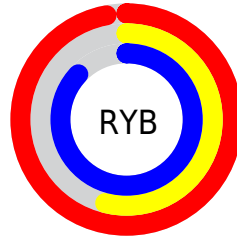
The Hex color **F789DF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **89F7A1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FFC1FF**, and **BD53A8** is the 20% darker color. If you saturate the color by 10%, you get **F770DA**, and if you desaturate by 10%, it is **F7A2E4**.

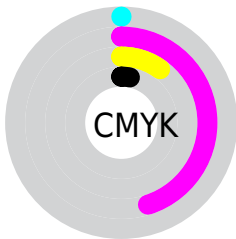
# Distribution



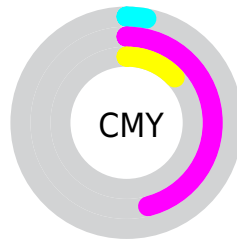
- Red (97%)
- Green (54%)
- Blue (87%)



- Red (97%)
- Yellow (54%)
- Blue (87%)



- Cyan (0%)
- Magenta (45%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (46%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F789DF 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 F789DF by changing the saturation by 10% instead.



 F789DF

 F789DF

FFFFFF

 DA6EC3

 FFC1FF

 BD53A8

 FFDEFF

 A0388D

 FFFBFF

 851973

 69005A

 4F0043

 37002C

 180017

 000000

 F789DF

 F789DF

 F770DA

 F7A2E4

 F758D4

 F7BAEA

 F73FCF

 F7D3EF

 F726C9

 F7ECF5

 F70DC4

 F7FFFA

 F700C1

 F7FFFF

# Harmonies

## Analogous

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



BC9EFF



F789DF



FF7FAA

# Triad

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



F789DF



C6AF3D



00C8EA

# Complementary

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



F789DF



89F7A1

# 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.



00CAB5



F789DF



8EBE52

# Square

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



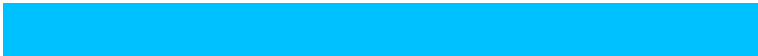
F789DF



F29B4D



3DC67E



00C1FF

# Rectangle

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



F789DF



FF8386



3DC67E



00C9DA



# Sweetspot

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



F789DF



FFDEF8



A189F7



806B7B



000000



808080



# Same Dimension

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



F789DF



FF78E2



F789A8



7A6E78



BA0092



3B002E



# Inverse Universe

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



F789DF



FF78E2



89F7D8



7A6E78



BA0092



3B002E



# Previews

## White Background



This preview shows how the Hex color F789DF 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 F789DF Background



This preview shows how black text looks on a background with the Hex color F789DF.

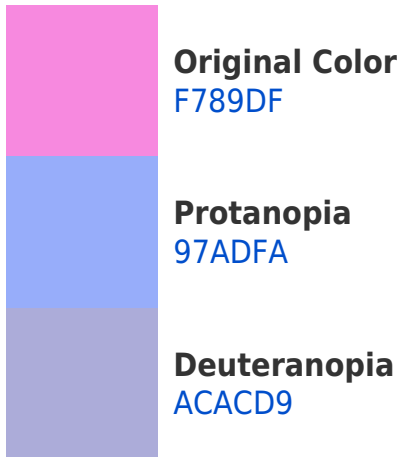


This preview shows how white text looks on a background with the Hex color F789DF.

# 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**  
F096A1

# Trichromacy



**Original Color**  
F789DF



**Protanomaly**  
BAA0F0



**Deuteranomaly**  
C79FDB



**Tritanomaly**  
F391B8

# Monochromacy



**Original Color**  
F789DF



**Achromatopsia**  
B4B4B4



**Achromatomaly**  
CCA4C4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F789DF 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 #F789DF looks like.

```
.text, #text, p{  
    color:#F789DF  
}
```

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 #F789DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F789DF
}
```

## Border

The CSS property to change the border of an element to Hex F789DF 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
#F789DF }
```

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

```
.border{ border-color:#F789DF }
```

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

Here you see how a box with a 4 pixel #F789DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F789DF; -webkit-box-shadow:4px 4px  
4px 4px #F789DF; box-shadow:4px 4px 4px  
4px #F789DF }
```

# Background

The CSS property to change the background color of an element to Hex F789DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F789DF }
```

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

```
.background{ background-color:#F789DF }
```

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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