

# Converting Colors

Hex(F799D6)

Have a look what the booklet for  
Hex(F799D6) contains.

<b>Hex(F799D6)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F799D6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F799D6
RGB	247, 153, 214
RGB Percent	97%, 60%, 84%
CMY	0.0314, 0.4000, 0.1608
CMYK	0.00, 0.38, 0.13, 0.03
HSL	321°, 85%, 78%
HSV	321°, 38%, 97%
XYZ	61.8866, 47.4117, 69.5079
YIQ	188.0600, 36.4430, 38.8990

# Conversions

## Conversions Part 2

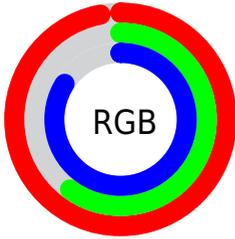
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 153, 214
Decimal	16226774
CIE Lab	74.45, 43.49, -16.26
CIE LCh	74, 46.426, 339.503
Yxy	47.4117, 0.3461, 0.2652
Android (android.graphics.Color)	4294416854 (0xFFFF799D6)
YUV	188.0600, 12.7884, 51.6904
Hunter-Lab	68.8561, 39.9343, -11.6519

# Details

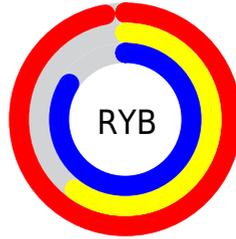
The Hex color **F799D6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **99F7BA**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FFD1FF**, and **BD649F** is the 20% darker color. If you saturate the color by 10%, you get **F780CD**, and if you desaturate by 10%, it is **F7B2DF**.

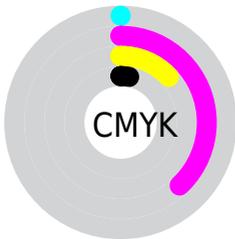
# Distribution



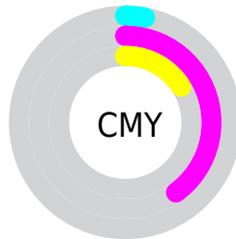
- Red (97%)
- Green (60%)
- Blue (84%)



- Red (97%)
- Yellow (60%)
- Blue (84%)



- Cyan (0%)
- Magenta (38%)
- Yellow (13%)
- Black (3%)



- Cyan (3%)
- Magenta (40%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F799D6 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 F799D6 by changing the saturation by 10% instead.

 F799D6

 F799D6

FFFFFF

 DA7EBA

 FFD1FF

 BD649F

 FFEEFF

 A14A85

 86306C

 6B1453

 51003C

 380026

 1E0010

 000000

 F799D6

 F799D6

 F780CD

 F7B2DF

 F768C5

 F7CAE7

 F74FBC

 F7E3F0

 F736B3

 F7FCF9

 F71DAB

 F7FFFF

 F705A2

 F700A0

# Harmonies

## Analogous

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



CDA7F9



F799D6



FF95AB

# Triad

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



F799D6



C5B961



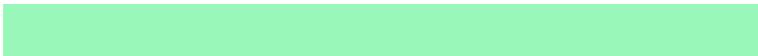
00CBEC

# Complementary

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



F799D6



99F7BA

# 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.



00CEC4



F799D6



96C473

# Square

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



F799D6



EAAA67



5DCB98



24C4FF

# Rectangle

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



F799D6



FF988F



5DCB98



00CDE0

# Sweetspot

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



F799D6



FFE3F5



BA99F7



806F7A



000000



808080



# Same Dimension

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



F799D6



FF8AD6



F799A7



7A6E76



BA0079



3B0026



# Inverse Universe

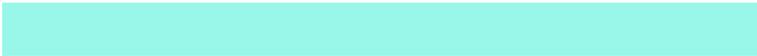
The Inverse Universe completely reimagines the original color for something new.



F799D6



FF8AD6



99F7E9



7A6E76



BA0079

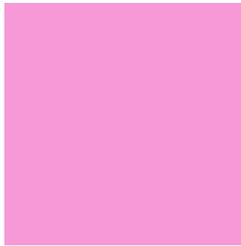


3B0026



# Previews

## White Background



This preview shows how the Hex color F799D6 looks on a white background.

## Color Contrast Check

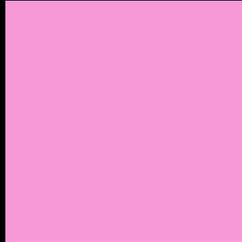
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color F799D6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

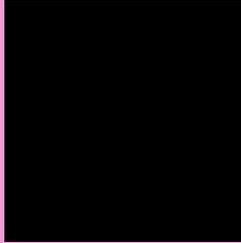
Any Text WCAG AA ✓ Pass

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 F799D6 Background



This preview shows how black text looks on a background with the Hex color F799D6.



This preview shows how white text looks on a background with the Hex color F799D6.

# 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**  
F2A1AD

# Trichromacy



**Original Color**  
F799D6



**Protanomaly**  
C6ABE3



**Deuteranomaly**  
D2AAD3



**Tritanomaly**  
F49EBC

# Monochromacy



**Original Color**  
F799D6



**Achromatopsia**  
BCBCBC



**Achromatomaly**  
D1AFC5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F799D6 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 #F799D6 looks like.

```
.text, #text, p{  
    color:#F799D6  
}
```

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 #F799D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F799D6
}
```

## Border

The CSS property to change the border of an element to Hex F799D6 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
#F799D6 }
```

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

```
.border{ border-color:#F799D6 }
```

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

Here you see how a box with a 4 pixel #F799D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F799D6; -webkit-box-shadow:4px 4px  
4px 4px #F799D6; box-shadow:4px 4px 4px  
4px #F799D6 }
```

# Background

The CSS property to change the background color of an element to Hex F799D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F799D6 }
```

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

```
.background{ background-color:#F799D6 }
```

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