

Converting Colors

Hex(F785DB)

Have a look what the booklet for
Hex(F785DB) contains.

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Color

Hex(F785DB)

Conversions

Conversions Part 1

Format	Color
Hex	F785DB
RGB	247, 133, 219
RGB Percent	97%, 52%, 86%
CMY	0.0314, 0.4784, 0.1412
CMYK	0.00, 0.46, 0.11, 0.03
HSL	315°, 88%, 75%
HSV	315°, 46%, 97%
XYZ	59.5315, 41.6637, 71.9221
YIQ	176.8900, 40.3380, 50.9140

Conversions

Conversions Part 2

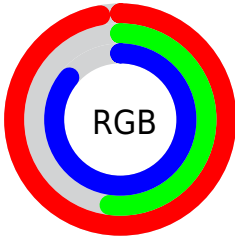
Format	Color
RYB	247, 133, 219
Decimal	16221659
CIELab	70.64, 54.36, -24.80
CIELCh	71, 59.749, 335.473
Yxy	41.6637, 0.3439, 0.2407
Android (android.graphics.Color)	4294411739 (0xFFFF785DB)
YUV	176.8900, 20.7602, 61.4865
Hunter-Lab	64.5474, 51.6709, -20.8808

Details

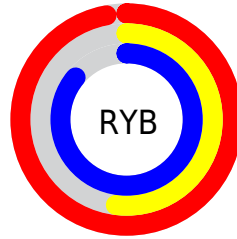
The Hex color **F785DB** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **85F7A1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFBDFF**, and **BC4FA4** is the 20% darker color. If you saturate the color by 10%, you get **F76CD5**, and if you desaturate by 10%, it is **F79EE1**.

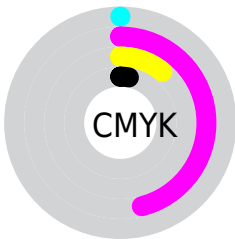
Distribution



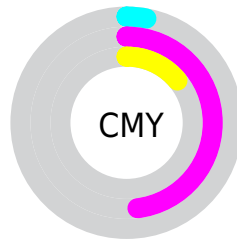
- Red (97%)
- Green (52%)
- Blue (86%)



- Red (97%)
- Yellow (52%)
- Blue (86%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (48%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color F785DB 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 F785DB by changing the saturation by 10% instead.

 F785DB

 F785DB

FFFFFF

 D96ABF

 FFBDFD

 BC4FA4

 FFDADF

 A03389

 FFF7FF

 841170

 690057

 4E0040

 37002A

 160013

 000000

 F785DB

 F785DB

 F76CD5

 F79EE1

 F754CF

 F7B6E7

 F73BC9

 F7CFED

 F722C3

 F7E8F3

 F709BD

 F7FFF9

 F700BA

 F7FFFF

Harmonies

Analogous

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



BD9AFF



F785DB



FF7CA5

Triad

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



F785DB



C1AD39



00C6EA

Complementary

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



F785DB



85F7A1

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.



00C8B5



F785DB



89BC4F

Square

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



F785DB



EE9A48



2FC47E



00BEFF

Rectangle

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



F785DB



FF8081



2FC47E



00C7DA

Sweetspot

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



F785DB



FFDBF6



A085F7



806A7A



000000



808080

Same Dimension

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



F785DB



FF73DD



F785A3



7A6E77



BA008C



3B002C

Inverse Universe

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



F785DB



FF73DD



85F7D9



7A6E77



BA008C



3B002C

Previews

White Background



This preview shows how the Hex color F785DB looks on a white background.

Color Contrast Check

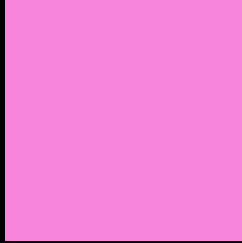
Large Text (above 18pt) WCAG AA × Fail

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 F785DB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

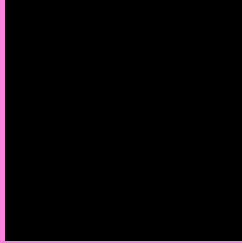
Any Text WCAG AA ✓ Pass

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 F785DB Background



This preview shows how black text looks on a background with the Hex color F785DB.

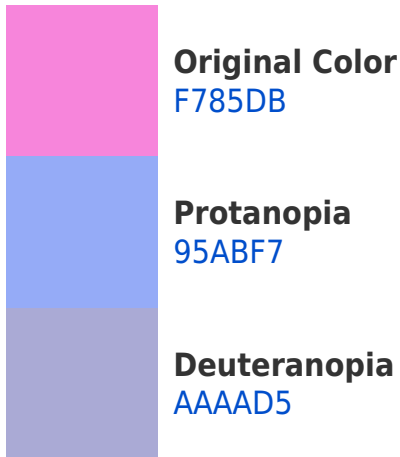



This preview shows how white text looks on a background with the Hex color F785DB.

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
F0929D

Trichromacy



Original Color
F785DB



Protanomaly
B99DED



Deuteranomaly
C69DD7



Tritanomaly
F38DB4

Monochromacy



Original Color
F785DB



Achromatopsia
B1B1B1



Achromatomaly
CAA1C0

CSS Examples

Text

The CSS property to change the color of the text to Hex F785DB 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 #F785DB looks like.

```
.text, #text, p{  
    color:#F785DB  
}
```

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 #F785DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F785DB
}
```

Border

The CSS property to change the border of an element to Hex F785DB 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
#F785DB }
```

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

```
.border{ border-color:#F785DB }
```

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

Here you see how a box with a 4 pixel #F785DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F785DB; -webkit-box-shadow:4px 4px  
4px 4px #F785DB; box-shadow:4px 4px 4px  
4px #F785DB }
```

Background

The CSS property to change the background color of an element to Hex F785DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F785DB }
```

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

```
.background{ background-color:#F785DB }
```

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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