

Converting Colors

Hex(F68DDF)

Have a look what the booklet for
Hex(F68DDF) contains.

Hex(F68DDF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F68DDF)

Conversions

Conversions Part 1

Format	Color
Hex	F68DDF
RGB	246, 141, 223
RGB Percent	96%, 55%, 87%
CMY	0.0353, 0.4471, 0.1255
CMYK	0.00, 0.43, 0.09, 0.04
HSL	313°, 85%, 76%
HSV	313°, 43%, 96%
XYZ	60.8502, 43.9703, 75.0920
YIQ	181.7430, 36.2580, 47.7620

Conversions

Conversions Part 2

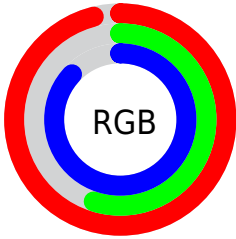
Format	Color
R _Y B	246, 141, 223
Decimal	16158175
CIE Lab	72.21, 50.72, -24.62
CIE LCh	72, 56.383, 334.112
Yxy	43.9703, 0.3382, 0.2444
Android (android.graphics.Color)	4294348255 (0xFFFF68DDF)
YUV	181.7430, 20.3397, 56.3534
Hunter-Lab	66.3101, 47.7598, -20.7251

Details

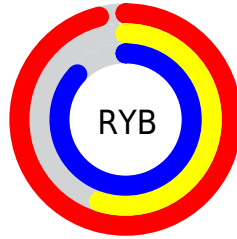
The Hex color **F68DDF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **8DF6A4**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFC5FF**, and **BC57A8** is the 20% darker color. If you saturate the color by 10%, you get **F674DA**, and if you desaturate by 10%, it is **F6A6E4**.

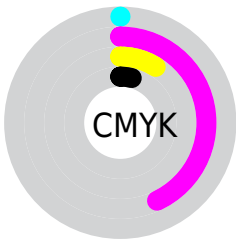
Distribution



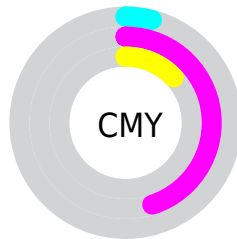
- Red (96%)
- Green (55%)
- Blue (87%)



- Red (96%)
- Yellow (55%)
- Blue (87%)



- Cyan (0%)
- Magenta (43%)
- Yellow (9%)
- Black (4%)



- Cyan (4%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color F68DDF 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 F68DDF by changing the saturation by 10% instead.

 F68DDF

 F68DDF

FFFFFF

 D972C3

 FFC5FF

 BC57A8

 FFE2FF

 A03C8D

 842073

 69005B

 4F0043

 36002C

 190017

 000000

 F68DDF

 F68DDF

 F674DA

 F6A6E4

 F65CD4

 F6BEEA

 F643CF

 F6D7EF

 F62BC9

 F6EFF5

 F612C4

 F6FFFA

 F600C0

 F6FFFF

Harmonies

Analogous

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



BEA1FF



F68DDF



FF84AC

Triad

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



F68DDF



C8B145



00C9E9

Complementary

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



F68DDF



8DF6A4

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.



00CBB7



F68DDF



92BF58

Square

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



F68DDF



F29E54



48C782



00C2FF

Rectangle

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



F68DDF



FF888A



48C782



00CADA

Sweetspot

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



F68DDF



FFDEF8



A48DF6



806B7B



000000



808080

Same Dimension

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



F68DDF



FF7DE3



F68DAB



7A6E78



BA0091



3B002E

Inverse Universe

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



F68DDF



FF7DE3



8DF6D8



7A6E78



BA0091



3B002E

Previews

White Background



This preview shows how the Hex color F68DDF looks on a white background.

Color Contrast Check

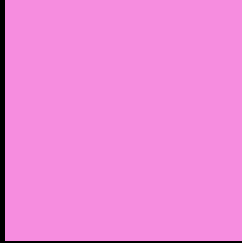
Large Text (above 18pt) WCAG AA × Fail

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 F68DDF 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 F68DDF Background



This preview shows how black text looks on a background with the Hex color F68DDF.

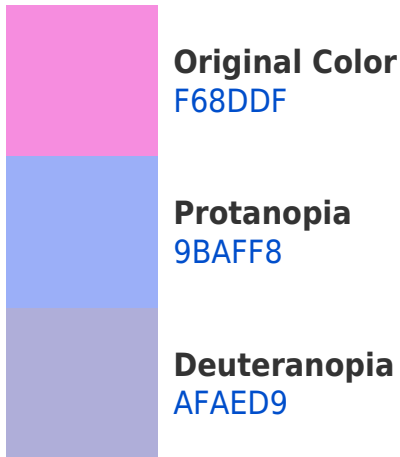


This preview shows how white text looks on a background with the Hex color F68DDF.

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
EF99A5

Trichromacy



Original Color
F68DDF



Protanomaly
BCA3EF



Deuteranomaly
C9A2DB

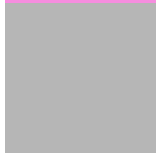


Tritanomaly
F295BA

Monochromacy



Original Color
F68DDF



Achromatopsia
B6B6B6



Achromatomaly
CDA7C5

CSS Examples

Text

The CSS property to change the color of the text to Hex F68DDF 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 #F68DDF looks like.

```
.text, #text, p{  
    color:#F68DDF  
}
```

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 #F68DDF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F68DDF
}
```

Border

The CSS property to change the border of an element to Hex F68DDF 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
#F68DDF }
```

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

```
.border{ border-color:#F68DDF }
```

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

Here you see how a box with a 4 pixel #F68DDF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F68DDF; -webkit-box-shadow:4px 4px  
4px 4px #F68DDF; box-shadow:4px 4px 4px  
4px #F68DDF }
```

Background

The CSS property to change the background color of an element to Hex F68DDF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F68DDF }
```

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

```
.background{ background-color:#F68DDF }
```

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