

Converting Colors

Hex(F748DD)

Have a look what the booklet for
Hex(F748DD) contains.

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Color

Hex(F748DD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F748DD |
| RGB | 247, 72, 221 |
| RGB Percent | 97%, 28%, 87% |
| CMY | 0.0314, 0.7176, 0.1333 |
| CMYK | 0.00, 0.71, 0.11, 0.03 |
| HSL | 309°, 92%, 63% |
| HSV | 309°, 71%, 97% |
| XYZ | 53.7263, 29.6293, 71.2940 |
| YIQ | 141.3110, 56.4710, 83.4390 |

Conversions

Conversions Part 2

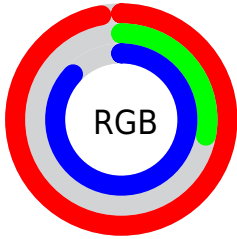
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 247, 72, 221 |
| Decimal | 16206045 |
| CIE _{Lab} | 61.33, 80.08, -40.34 |
| CIE _{LCh} | 61, 89.668, 333.265 |
| Yxy | 29.6293, 0.3474, 0.1916 |
| Android (android.graphics.Color) | 4294396125 (0xFF748DD) |
| YUV | 141.3110, 39.2867, 92.6893 |
| Hunter-Lab | 54.4328, 80.9255, -39.5527 |

Details

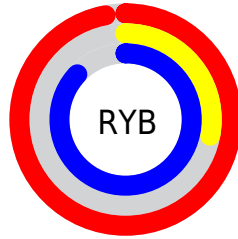
The Hex color **F748DD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **48F762**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **FF86FF**, and **BB00A5** is the 20% darker color. If you saturate the color by 10%, you get **F72FD9**, and if you desaturate by 10%, it is **F761E1**.

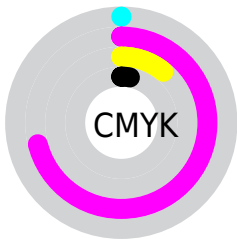
Distribution



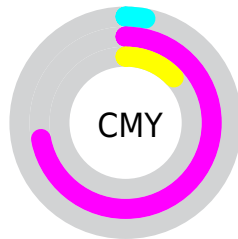
- Red (97%)
- Green (28%)
- Blue (87%)



- Red (97%)
- Yellow (28%)
- Blue (87%)



- Cyan (0%)
- Magenta (71%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (72%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color F748DD 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 F748DD by changing the saturation by 10% instead.

 F748DD

 F748DD

FFFFFF

 D920C1

 FF86FF

 BB00A5

 FFA4FF

 9D008B

 FFC2FF

 800071

 FFE0FF

 630058

 480040

 2B0029

 000112

 000000

 F748DD

 F748DD

 F72FD9

 F761E1

 F717D6

 F779E4

 F700D2

 F792E8

 F7ABEC

 F7C3EF

 F7DCF3

 F7F5F7

 F7FFFA

 F7FFFE

Harmonies

Analogous

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



977AFF



F748DD



FF1B8F

Triad

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



F748DD



AC9400



00B5EA

Complementary

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



F748DD



48F762

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.



00B59B



F748DD



57A700

Square

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



F748DD



EA7300



00B147



00AEFF

Rectangle

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



F748DD



FF325B



00B147



00B6D1

Sweetspot

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



F748DD



FFC9F7



5F48F7



80607B



000000



808080

Same Dimension

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



F748DD



FF26DF



F74888



7A6E79



BA009E



3B0032

Inverse Universe

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



F748DD



FF26DF



48F7B7



7A6E79



BA009E



3B0032

Previews

White Background



This preview shows how the Hex color F748DD looks on a white background.

Color Contrast Check

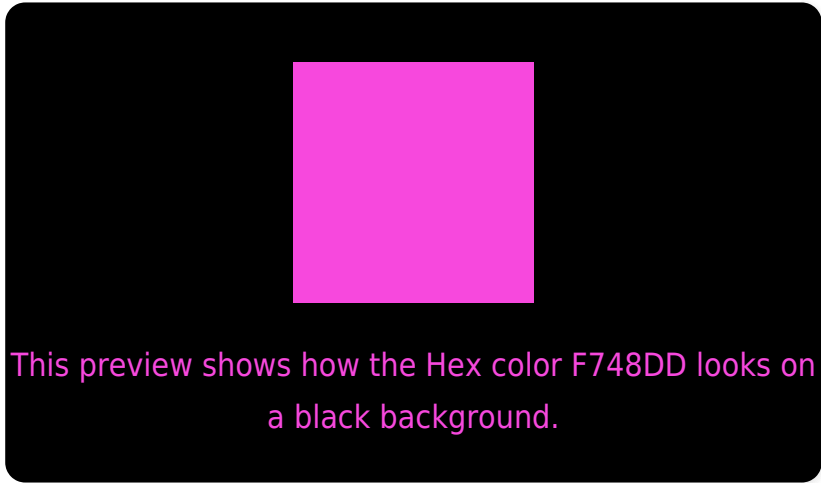
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F748DD Background



This preview shows how black text looks on a background with the Hex color F748DD.

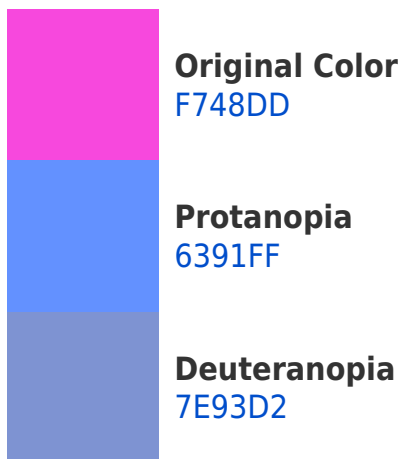


This preview shows how white text looks on a background with the Hex color F748DD.

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](#).

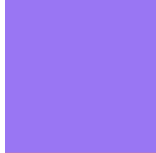
Dichromacy



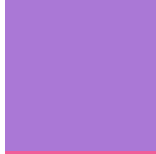
Trichromacy



Original Color
F748DD



Protanomaly
9976F3



Deuteranomaly
AA78D6



Tritanomaly
F05E99

Monochromacy



Original Color
F748DD



Achromatopsia
8D8D8D



Achromatomaly
B474AA

CSS Examples

Text

The CSS property to change the color of the text to Hex F748DD 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 #F748DD looks like.

```
.text, #text, p{  
    color:#F748DD  
}
```

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 #F748DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F748DD
}
```

Border

The CSS property to change the border of an element to Hex F748DD 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
#F748DD }
```

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

```
.border{ border-color:#F748DD }
```

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

Here you see how a box with a 4 pixel #F748DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F748DD; -webkit-box-shadow:4px 4px  
4px 4px #F748DD; box-shadow:4px 4px 4px  
4px #F748DD }
```

Background

The CSS property to change the background color of an element to Hex F748DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F748DD }
```

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

```
.background{ background-color:#F748DD }
```

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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