

Converting Colors

Hex(F187DF)

Have a look what the booklet for
Hex(F187DF) contains.

Hex(F187DF)	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(F187DF)

Conversions

Conversions Part 1

Format	Color
Hex	F187DF
RGB	241, 135, 223
RGB Percent	95%, 53%, 87%
CMY	0.0549, 0.4706, 0.1255
CMYK	0.00, 0.44, 0.07, 0.05
HSL	310°, 79%, 74%
HSV	310°, 44%, 95%
XYZ	58.2589, 41.3564, 74.7240
YIQ	176.7260, 34.9280, 49.8400

Conversions

Conversions Part 2

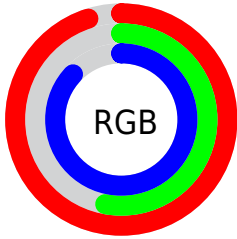
Format	Color
R _Y B	241, 135, 223
Decimal	15828959
CIE Lab	70.42, 52.21, -27.40
CIE LCh	70, 58.963, 332.304
Yxy	41.3564, 0.3342, 0.2372
Android (android.graphics.Color)	4294019039 (0xFFFF187DF)
YUV	176.7260, 22.8131, 56.3683
Hunter-Lab	64.3090, 49.1663, -23.8760

Details

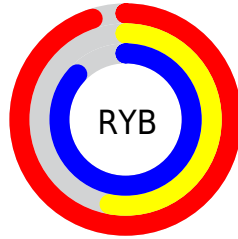
The Hex color **F187DF** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **87F199**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **FFBFFF**, and **B751A8** is the 20% darker color. If you saturate the color by 10%, you get **F16FDB**, and if you desaturate by 10%, it is **F19FE3**.

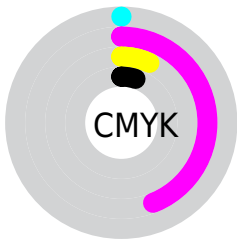
Distribution



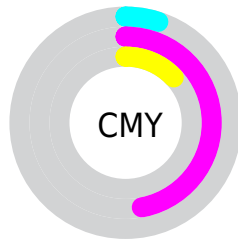
- Red (95%)
- Green (53%)
- Blue (87%)



- Red (95%)
- Yellow (53%)
- Blue (87%)



- Cyan (0%)
- Magenta (44%)
- Yellow (7%)
- Black (5%)



- Cyan (5%)
- Magenta (47%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color F187DF 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 F187DF by changing the saturation by 10% instead.

 F187DF

 F187DF

FFFFFF

 D46CC3

 FFBBFF

 B751A8

 FFDBFF

 9B368D

 FFF9FF

 7F1873

 64005A

 4A0043

 33002C

 0F0016

 000000

 F187DF

 F187DF

 F16FDB

 F19FE3

 F157D7

 F1B7E7

 F13FD3

 F1CFEB

 F127CF

 F1E7EF

 F10FCB

 F1FFF3

 F100C8

 F1FFF8

 F1FFFC

 F1FFFF

Harmonies

Analogous

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



B49CFF



F187DF



FF7CAA

Triad

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



F187DF



C6AB3A



00C5E4

Complementary

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



F187DF



87F199

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.



00C7AF



F187DF



8FBA4C

Square

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



F187DF



F1974C



40C378



00BFFF

Rectangle

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



F187DF



FF7F87



40C378



00C6D3

Sweetspot

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



F187DF



FFDEF9



9987F1



806B7C



000000



808080

Same Dimension

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



F187DF



FF78E8



F187AA



786C76



B80098



38002F

Inverse Universe

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



F187DF



FF78E8



87F1CE



786C76



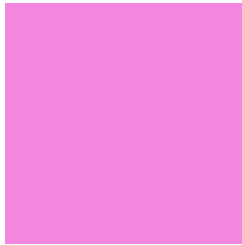
B80098



38002F

Previews

White Background



This preview shows how the Hex color F187DF looks on a white background.

Color Contrast Check

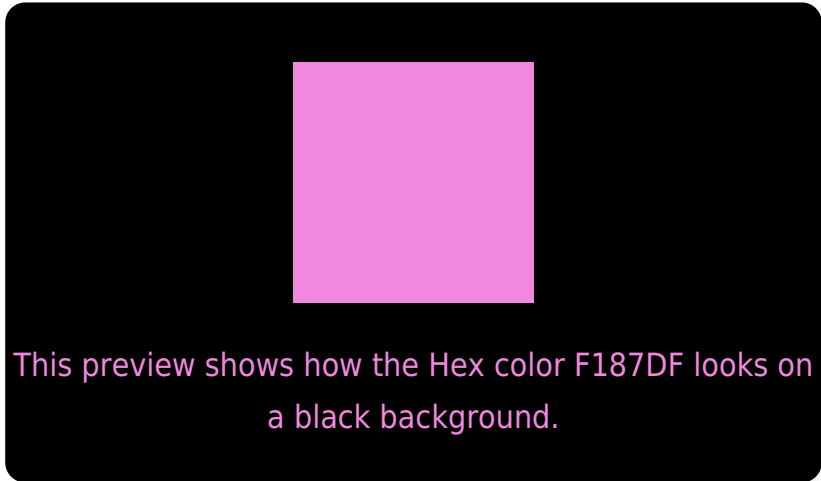
Large Text (above 18pt) WCAG AA × Fail

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

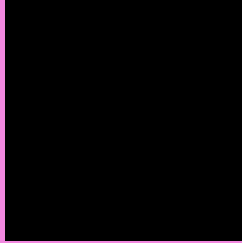
Any Text WCAG AA ✓ Pass

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 F187DF Background



This preview shows how black text looks on a background with the Hex color F187DF.

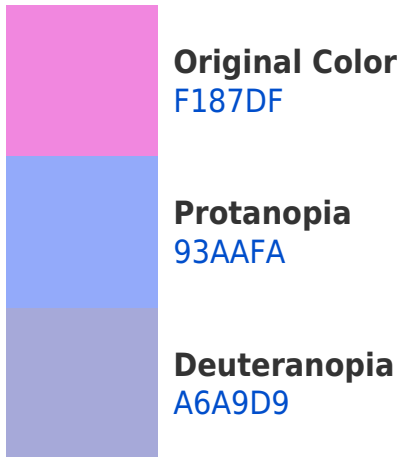


This preview shows how white text looks on a background with the Hex color F187DF.

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
EA95A0

Trichromacy



Original Color
F187DF



Protanomaly
B59DF0



Deuteranomaly
C19DDB



Tritanomaly
ED90B7

Monochromacy



Original Color
F187DF



Achromatopsia
B1B1B1



Achromatomaly
C8A2C2

CSS Examples

Text

The CSS property to change the color of the text to Hex F187DF 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 #F187DF looks like.

```
.text, #text, p{  
    color:#F187DF  
}
```

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 #F187DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F187DF
}
```

Border

The CSS property to change the border of an element to Hex F187DF 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
#F187DF }
```

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

```
.border{ border-color:#F187DF }
```

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

Here you see how a box with a 4 pixel #F187DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F187DF; -webkit-box-shadow:4px 4px  
4px 4px #F187DF; box-shadow:4px 4px 4px  
4px #F187DF }
```

Background

The CSS property to change the background color of an element to Hex F187DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F187DF }
```

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

```
.background{ background-color:#F187DF }
```

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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