

Converting Colors

Hex(F300BF)

Have a look what the booklet for
Hex(F300BF) contains.

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Color

Hex(F300BF)

Conversions

Conversions Part 1

Format	Color
Hex	F300BF
RGB	243, 0, 191
RGB Percent	95%, 0%, 75%
CMY	0.0471, 1.0000, 0.2510
CMYK	0.00, 1.00, 0.21, 0.05
HSL	313°, 100%, 48%
HSV	313°, 100%, 95%
XYZ	46.3661, 22.8163, 51.2504
YIQ	94.4310, 83.5170, 110.9170

Conversions

Conversions Part 2

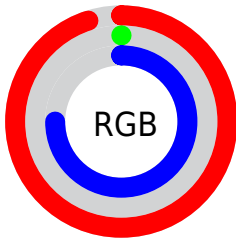
Format	Color
R_YB	243, 0, 191
Decimal	15925439
CIE _{Lab}	54.88, 88.07, -33.36
CIE _{LCh}	55, 94.182, 339.252
Yxy	22.8163, 0.3850, 0.1895
Android (android.graphics.Color)	4294115519 (0xFFFF300BF)
YUV	94.4310, 47.6085, 130.2950
Hunter-Lab	47.7664, 89.6761, -30.1781

Details

The Hex color **F300BF** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle saturated rose. A complement of this color would be **00F334**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64F8**, and **B60089** is the 20% darker color. If you saturate the color by 10%, you get **F300BF**, and if you desaturate by 10%, it is **F318C4**.

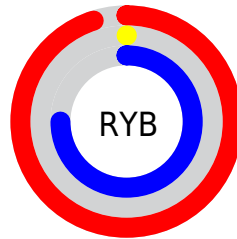
Distribution



Red (95%)

Green (0%)

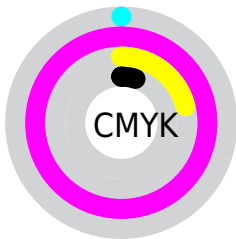
Blue (75%)



Red (95%)

Yellow (0%)

Blue (75%)

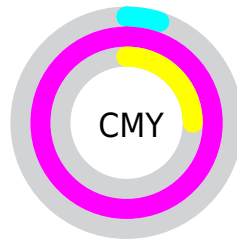


Cyan (0%)

Magenta (100%)

Yellow (21%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color F300BF 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 F300BF by changing the saturation by 10% instead.

 F300BF

 F300BF

FFFFFF

 D400A4

 FF64F8

 B60089

 FF84FF

 97006F

 FFA3FF

 7A0057

 FFC2FF

 5C003F

 FFE0FF

 400028

 210011

 000000

 F300BF

 F318C4

 F331C9

 F349CF

 F361D4

 F379D9

 F392DE

 F3AAE3

 F3C2E9

 F3DBEE

Harmonies

Analogous

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



9F5EFF



F300BF



FF006E

Triad

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



F300BF



898800



00A4EA

Complementary

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



F300BF



00F334

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.



00A49C



F300BF



159900

Square

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



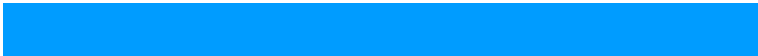
F300BF



CC6900



00A145



009CFF

Rectangle

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



F300BF



FF043A



00A145



00A4D2

Sweetspot

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



F300BF



FFB3EF



3100F3



805276



000000



808080

Same Dimension

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



F300BF



FF00C8



F30049



7A6E78



BA0092



3B002E

Inverse Universe

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



F300BF



FF00C8



00F3AA



7A6E78



BA0092



3B002E

Previews

White Background



This preview shows how the Hex color F300BF looks on a white background.

Color Contrast Check

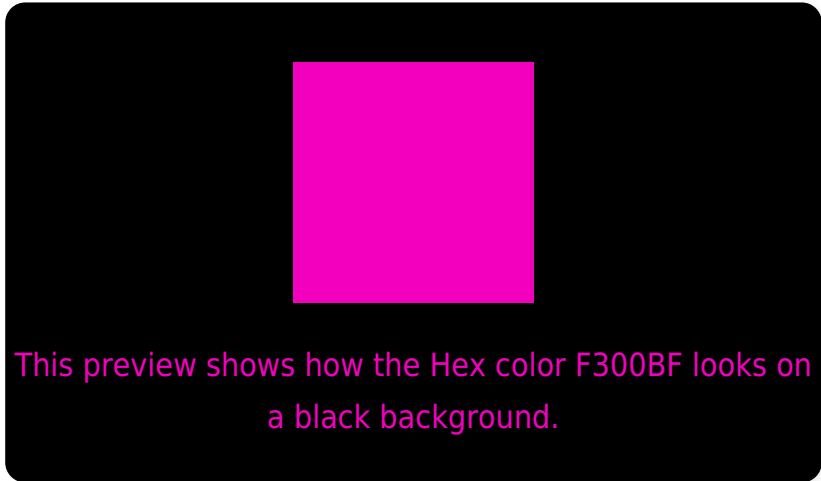
Large Text (above 18pt) WCAG AA ✓ Pass

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 F300BF Background



This preview shows how black text looks on a background with the Hex color F300BF.



This preview shows how white text looks on a background with the Hex color F300BF.

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
EA4B4F

Trichromacy



Original Color
F300BF



Protanomaly
7F52E8



Deuteranomaly
A553B7



Tritanomaly
ED3078

Monochromacy



Original Color
F300BF



Achromatopsia
5E5E5E



Achromatomaly
943C81

CSS Examples

Text

The CSS property to change the color of the text to Hex F300BF 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 #F300BF looks like.

```
.text, #text, p{  
    color:#F300BF  
}
```

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 #F300BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F300BF
}
```

Border

The CSS property to change the border of an element to Hex F300BF 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
#F300BF }
```

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

```
.border{ border-color:#F300BF }
```

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

Here you see how a box with a 4 pixel #F300BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F300BF; -webkit-box-shadow:4px 4px  
4px 4px #F300BF; box-shadow:4px 4px 4px  
4px #F300BF }
```

Background

The CSS property to change the background color of an element to Hex F300BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F300BF }
```

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

```
.background{ background-color:#F300BF }
```

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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