

# Converting Colors

Hex(F300AB)

Have a look what the booklet for  
Hex(F300AB) contains.

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**Color**

**Hex(F300AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F300AB
RGB	243, 0, 171
RGB Percent	95%, 0%, 67%
CMY	0.0471, 1.0000, 0.3294
CMYK	0.00, 1.00, 0.30, 0.05
HSL	318°, 100%, 48%
HSV	318°, 100%, 95%
XYZ	44.3128, 21.9950, 40.4380
YIQ	92.1510, 89.9370, 104.6970

# Conversions

## Conversions Part 2

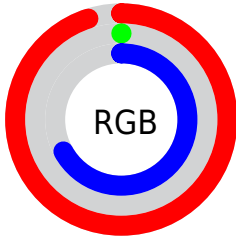
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 0, 171
Decimal	15925419
CIE <sub>Lab</sub>	54.02, 85.89, -23.03
CIE <sub>LCh</sub>	54, 88.922, 344.987
Yxy	21.9950, 0.4151, 0.2060
Android (android.graphics.Color)	4294115499 (0xFFFF300AB)
YUV	92.1510, 38.8726, 132.2946
Hunter-Lab	46.8988, 86.5848, -18.2930

# Details

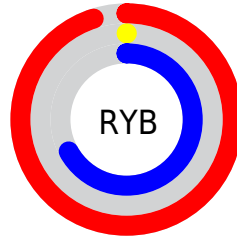
The Hex color **F300AB** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **00F348**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63E3**, and **B50077** is the 20% darker color. If you saturate the color by 10%, you get **F300AB**, and if you desaturate by 10%, it is **F318B2**.

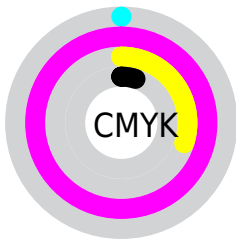
# Distribution



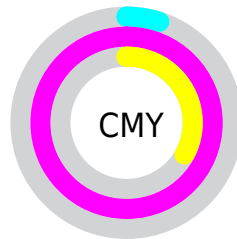
- Red (95%)
- Green (0%)
- Blue (67%)



- Red (95%)
- Yellow (0%)
- Blue (67%)



- Cyan (0%)
- Magenta (100%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F300AB 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 F300AB by changing the saturation by 10% instead.



 F300AB

 F300AB

FFFFFF

 D40090

 FF63E3

 B50077

 FF83FF

 97005E

 FFA2FF

 790046

 FFC0FF

 5C002F

 FFDFFF

 3E001A

FFFEFF

 1F0001

 000000

 F300AB

 F318B2

 F331B9

 F349C1

 F361C8

 F379CF

 F392D6

 F3AADD

 F3C2E5

 F3DBEC

# Harmonies

## Analogous

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



B055EF



F300AB



FF005F

# Triad

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



F300AB



7A8A00



009FEE

# Complementary

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



F300AB



00F348

# 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.



00A1A7



F300AB



009800

# Square

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



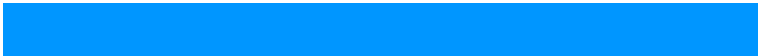
F300AB



BC6F00



009E56



0096FF

# Rectangle

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



F300AB



F82E2D



009E56



00A0D8



# Sweetspot

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



F300AB



FFB3E8



4500F3



805272



000000



808080



# Same Dimension

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



F300AB



FF00B3



F30035



7A6E77



BA0083



3B0029



# Inverse Universe

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



F300AB



FF00B3



00F3BE



7A6E77



BA0083



3B0029



# Previews

## White Background



This preview shows how the Hex color F300AB looks on a white background.

## Color Contrast Check

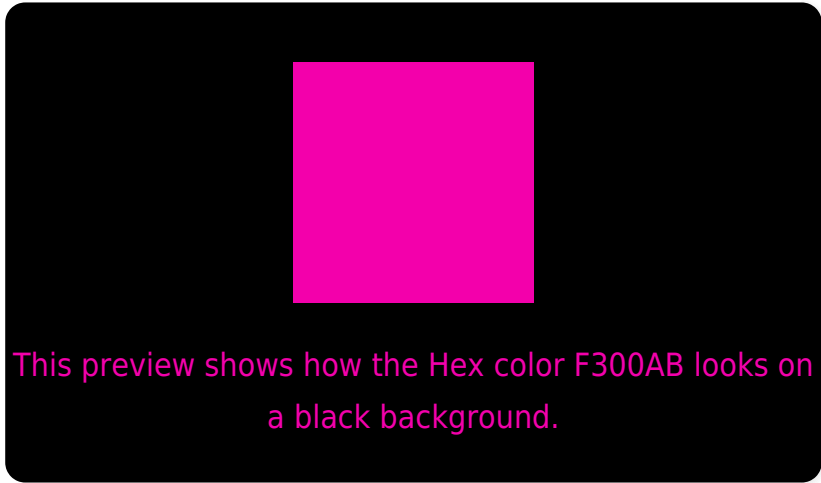
Large Text (above 18pt) WCAG AA ✓ Pass

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 F300AB Background



This preview shows how black text looks on a background with the Hex color F300AB.



This preview shows how white text looks on a background with the Hex color F300AB.

# 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**  
F300AB



**Protanomaly**  
8451D9



**Deuteranomaly**  
AA51A4



**Tritanomaly**  
EF2B6B

# Monochromacy



**Original Color**  
F300AB



**Achromatopsia**  
5C5C5C



**Achromatomaly**  
933B79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F300AB 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 #F300AB looks like.

```
.text, #text, p{  
    color:#F300AB  
}
```

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 #F300AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F300AB
}
```

## Border

The CSS property to change the border of an element to Hex F300AB 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
#F300AB }
```

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

```
.border{ border-color:#F300AB }
```

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

Here you see how a box with a 4 pixel #F300AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F300AB; -webkit-box-shadow:4px 4px  
4px 4px #F300AB; box-shadow:4px 4px 4px  
4px #F300AB }
```

# Background

The CSS property to change the background color of an element to Hex F300AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F300AB }
```

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

```
.background{ background-color:#F300AB }
```

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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