

# Converting Colors

Hex(F300A4)

Have a look what the booklet for  
Hex(F300A4) contains.

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**Color**

**Hex(F300A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F300A4
RGB	243, 0, 164
RGB Percent	95%, 0%, 64%
CMY	0.0471, 1.0000, 0.3569
CMYK	0.00, 1.00, 0.33, 0.05
HSL	320°, 100%, 48%
HSV	320°, 100%, 95%
XYZ	43.6630, 21.7350, 37.0159
YIQ	91.3530, 92.1840, 102.5200

# Conversions

## Conversions Part 2

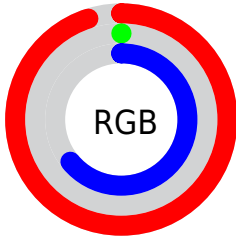
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 0, 164
Decimal	15925412
CIE <sub>Lab</sub>	53.74, 85.18, -19.34
CIE <sub>LCh</sub>	54, 87.343, 347.210
Yxy	21.7350, 0.4263, 0.2122
Android (android.graphics.Color)	4294115492 (0xFFFF300A4)
YUV	91.3530, 35.8150, 132.9944
Hunter-Lab	46.6208, 85.5887, -14.4404

# Details

The Hex color **F300A4** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **00F34F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **FF63DB**, and **B50070** is the 20% darker color. If you saturate the color by 10%, you get **F300A4**, and if you desaturate by 10%, it is **F318AC**.

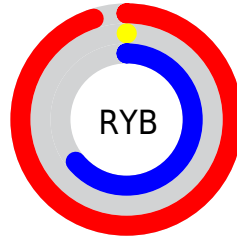
# Distribution



Red (95%)

Green (0%)

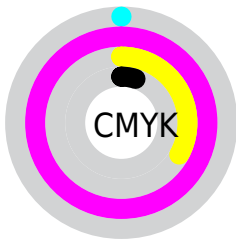
Blue (64%)



Red (95%)

Yellow (0%)

Blue (64%)

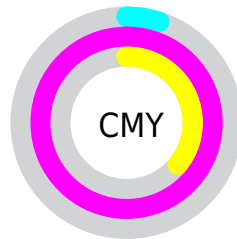


Cyan (0%)

Magenta (100%)

Yellow (33%)

Black (5%)



Cyan (5%)

Magenta (100%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F300A4 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 F300A4 by changing the saturation by 10% instead.



 F300A4

 F300A4

FFFFFF

 D4008A

 FF63DB

 B50070

 FF83F8

 970058

 FFA1FF

 790040

 FFC0FF

 5B002A

 FFDFFF

 3E0014

 FFFDFF

 1D0001

 000000

 F300A4

 F318AC

 F331B4

 F349BC

 F361C4

 F379CB

 F392D3

 F3AADB

 F3C2E3

 F3DBEB

# Harmonies

## Analogous

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



B651E8



F300A4



FF0059

# Triad

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



F300A4



748A00



009EEF

# Complementary

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



F300A4



00F34F

# 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.



00A0AB



F300A4



009700

# Square

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



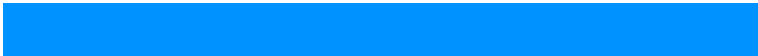
F300A4



B67100



009E5C



0093FF

# Rectangle

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



F300A4



F33528



009E5C



009FDB



# Sweetspot

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



F300A4



FFB3E6



4D00F3



805271



000000



808080



# Same Dimension

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



F300A4



FF00AC



F3002D



7A6E76



BA007E



3B0028



# Inverse Universe

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



F300A4



FF00AC



00F3C6



7A6E76



BA007E



3B0028



# Previews

## White Background



This preview shows how the Hex color F300A4 looks on a white background.

## Color Contrast Check

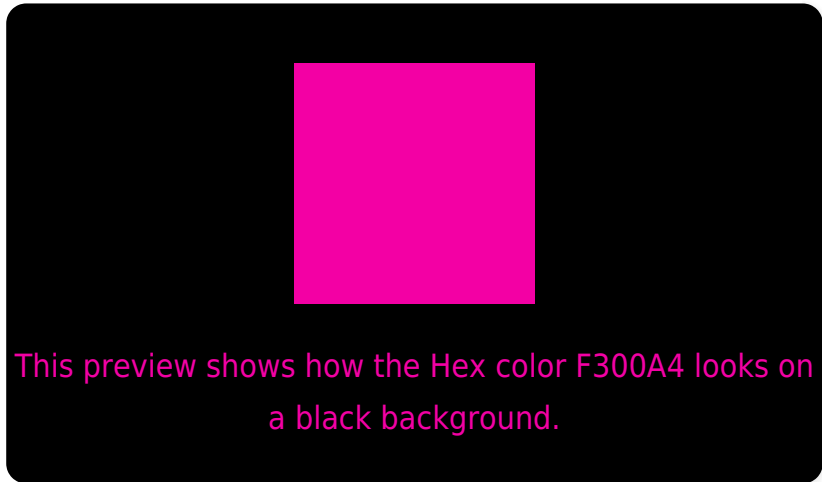
Large Text (above 18pt) WCAG AA ✓ Pass

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 F300A4 Background



This preview shows how black text looks on a background with the Hex color F300A4.



This preview shows how white text looks on a background with the Hex color F300A4.

# 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**  
F300A4



**Protanomaly**  
8A50D1



**Deuteranomaly**  
AC519D



**Tritanomaly**  
EF2966

# Monochromacy



**Original Color**  
F300A4



**Achromatopsia**  
5B5B5B



**Achromatomaly**  
923A76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F300A4 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 #F300A4 looks like.

```
.text, #text, p{  
    color:#F300A4  
}
```

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 #F300A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F300A4
}
```

## Border

The CSS property to change the border of an element to Hex F300A4 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
#F300A4 }
```

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

```
.border{ border-color:#F300A4 }
```

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

Here you see how a box with a 4 pixel #F300A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F300A4; -webkit-box-shadow:4px 4px  
4px 4px #F300A4; box-shadow:4px 4px 4px  
4px #F300A4 }
```

# Background

The CSS property to change the background color of an element to Hex F300A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F300A4 }
```

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

```
.background{ background-color:#F300A4 }
```

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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