

# Converting Colors

Hex(F305A6)

Have a look what the booklet for  
Hex(F305A6) contains.

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**Color**

**Hex(F305A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F305A6
RGB	243, 5, 166
RGB Percent	95%, 2%, 65%
CMY	0.0471, 0.9804, 0.3490
CMYK	0.00, 0.98, 0.32, 0.05
HSL	319°, 96%, 49%
HSV	319°, 98%, 95%
XYZ	43.8994, 21.9164, 37.9929
YIQ	94.5160, 90.1670, 100.5270

# Conversions

## Conversions Part 2

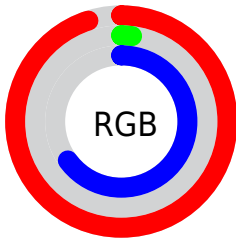
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 5, 166
Decimal	15926694
CIE <sub>Lab</sub>	53.94, 85.04, -20.22
CIE <sub>LCh</sub>	54, 87.408, 346.625
Yxy	21.9164, 0.4229, 0.2111
Android (android.graphics.Color)	4294116774 (0xFFFF305A6)
YUV	94.5160, 35.2416, 130.2205
Hunter-Lab	46.8150, 85.4570, -15.3466

# Details

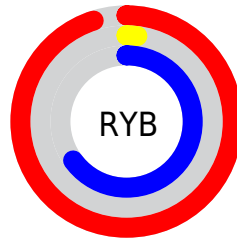
The Hex color **F305A6** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **05F352**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF64DD**, and **B50072** is the 20% darker color. If you saturate the color by 10%, you get **F300A4**, and if you desaturate by 10%, it is **F31DAE**.

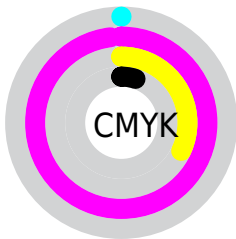
# Distribution



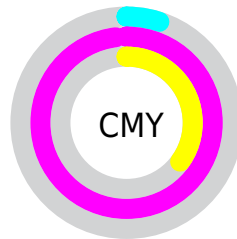
- Red (95%)
- Green (2%)
- Blue (65%)



- Red (95%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (98%)
- Yellow (32%)
- Black (5%)



- Cyan (5%)
- Magenta (98%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F305A6 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 F305A6 by changing the saturation by 10% instead.



 F305A6

 F305A6

FFFFFF

 D4008C

 FF64DD

 B50072

 FF83FA

 970059

 FFA2FF

 790042

 FFC1FF

 5B002B

 FFDFFF

 3E0016

FFFEFF

 1D0001

 000000

 F305A6

 F305A6

 F300A4

 F31DAE

 F336B6

 F34EBE

 F366C5

 F37ECD

 F397D5

 F3AFDD

 F3C7E5

 F3E0ED

# Harmonies

## Analogous

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



B553EA



F305A6



FF005B

# Triad

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



F305A6



768A00



009EEF

# Complementary

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



F305A6



05F352

# 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.



00A0AA



F305A6



009800

# Square

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



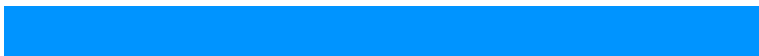
F305A6



B87100



009E5B



0094FF

# Rectangle

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



F305A6



F4342A



009E5B



009FDA



# Sweetspot

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



F305A6



FFB5E7



5005F3



805371



000000



808080



# Same Dimension

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



F305A6



FF00AD



F30531



7A6E76



BA007E



3B0028



# Inverse Universe

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



F305A6



FF00AC



05F3C7



7A6E76



BA007E



3B0028



# Previews

## White Background



This preview shows how the Hex color F305A6 looks on a white background.

## Color Contrast Check

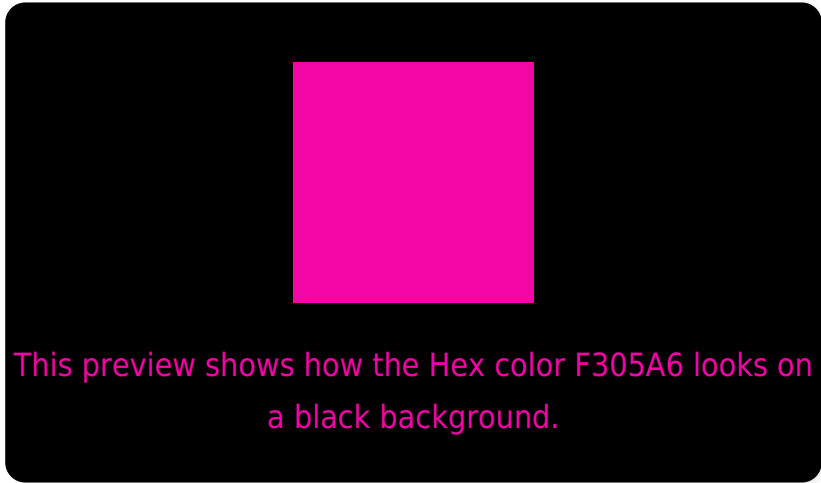
Large Text (above 18pt) WCAG AA ✓ Pass

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 F305A6 Background



This preview shows how black text looks on a background with the Hex color F305A6.

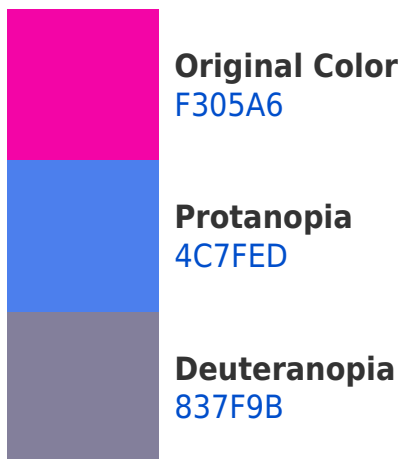


This preview shows how white text looks on a background with the Hex color F305A6.

# 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**  
F305A6



**Protanomaly**  
8953D3



**Deuteranomaly**  
AC539F



**Tritanomaly**  
EF2C68

# Monochromacy



**Original Color**  
F305A6



**Achromatopsia**  
5F5F5F



**Achromatomaly**  
953E79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F305A6 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 #F305A6 looks like.

```
.text, #text, p{  
    color:#F305A6  
}
```

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 #F305A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F305A6
}
```

## Border

The CSS property to change the border of an element to Hex F305A6 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
#F305A6 }
```

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

```
.border{ border-color:#F305A6 }
```

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

Here you see how a box with a 4 pixel #F305A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F305A6; -webkit-box-shadow:4px 4px  
4px 4px #F305A6; box-shadow:4px 4px 4px  
4px #F305A6 }
```

# Background

The CSS property to change the background color of an element to Hex F305A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F305A6 }
```

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

```
.background{ background-color:#F305A6 }
```

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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