

# Converting Colors

Hex(F701A1)

Have a look what the booklet for  
Hex(F701A1) contains.

<b>Hex(F701A1)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(F701A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F701A1
RGB	247, 1, 161
RGB Percent	97%, 0%, 63%
CMY	0.0314, 0.9961, 0.3686
CMYK	0.00, 1.00, 0.35, 0.03
HSL	321°, 99%, 49%
HSV	321°, 100%, 97%
XYZ	44.8016, 22.3691, 35.6746
YIQ	92.7940, 95.2560, 101.9120

# Conversions

## Conversions Part 2

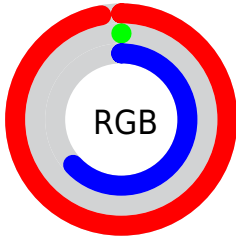
<b>Format</b>	<b>Color</b>
<b>RYB</b>	247, 1, 161
Decimal	16187809
CIELab	54.42, 85.61, -16.47
CIElCh	54, 87.175, 349.109
Yxy	22.3691, 0.4356, 0.2175
Android (android.graphics.Color)	4294377889 (0xFFFF701A1)
YUV	92.7940, 33.6256, 135.2387
Hunter-Lab	47.2960, 86.3183, -11.6143

# Details

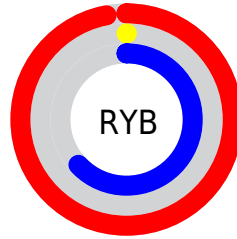
The Hex color **F701A1** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **01F757**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **FF63D8**, and **B9006D** is the 20% darker color. If you saturate the color by 10%, you get **F700A1**, and if you desaturate by 10%, it is **F71AAA**.

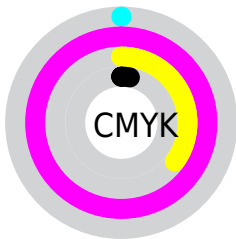
# Distribution



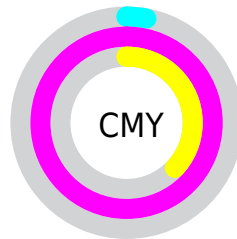
- Red (97%)
- Green (0%)
- Blue (63%)



- Red (97%)
- Yellow (0%)
- Blue (63%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (3%)



- Cyan (3%)
- Magenta (100%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F701A1 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 F701A1 by changing the saturation by 10% instead.



 F701A1

 F701A1

FFFFFF

 D80087

 FF63D8

 B9006D

 FF83F4

 9A0055

 FFA2FF

 7C003E

 FFC1FF

 5E0028

 FFE0FF

 410012

 200001

 000000

 F701A1

 F701A1

 F700A1

 F71AAA

 F732B2

 F74BBB

 F764C4

 F77DCC

 F795D5

 F7AEDD

 F7C7E6

 F7DFEF

# Harmonies

## Analogous

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



BE50E6



F701A1



FF0356

# Triad

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



F701A1



718D00



009FF4

# Complementary

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



F701A1



01F757

# 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.



00A2B2



F701A1



009A00

# Square

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



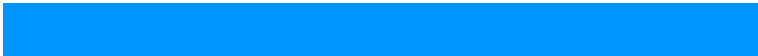
F701A1



B57500



00A063



0094FF

# Rectangle

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



F701A1



F33C25



00A063



00A0E1



# Sweetspot

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



F701A1



FFB3E4



5301F7



80526F



000000



808080



# Same Dimension

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



F701A1



FF00A6



F7012A



7A6E76



BA0079



3B0026



# Inverse Universe

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



F701A1



FF00A6



01F7CE



7A6E76



BA0079



3B0026



# Previews

## White Background



This preview shows how the Hex color F701A1 looks on a white background.

## Color Contrast Check

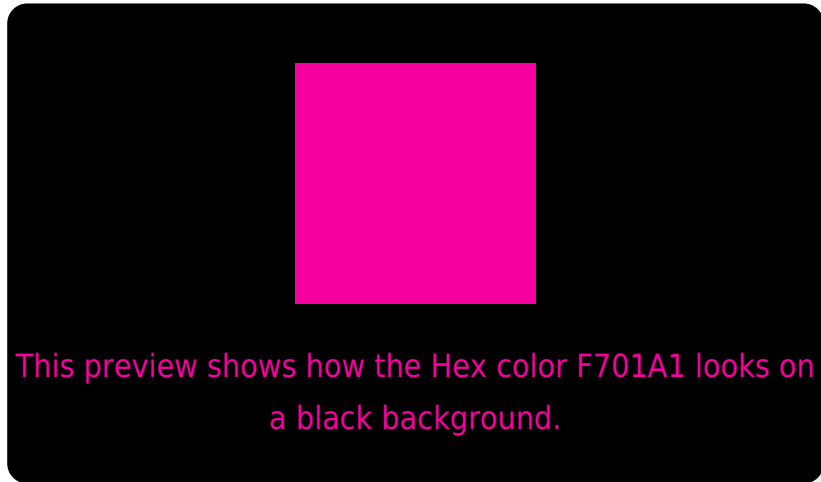
Large Text (above 18pt) WCAG AA ✓ Pass

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 F701A1 Background



This preview shows how black text looks on a background with the Hex color F701A1.



This preview shows how white text looks on a background with the Hex color F701A1.

# 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**  
F701A1



**Protanomaly**  
9052CD



**Deuteranomaly**  
B0529A



**Tritanomaly**  
F32965

# Monochromacy



**Original Color**  
F701A1



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
953C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F701A1 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 #F701A1 looks like.

```
.text, #text, p{  
    color:#F701A1  
}
```

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 #F701A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F701A1
}
```

## Border

The CSS property to change the border of an element to Hex F701A1 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
#F701A1 }
```

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

```
.border{ border-color:#F701A1 }
```

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

Here you see how a box with a 4 pixel #F701A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F701A1; -webkit-box-shadow:4px 4px  
4px 4px #F701A1; box-shadow:4px 4px 4px  
4px #F701A1 }
```

# Background

The CSS property to change the background color of an element to Hex F701A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F701A1 }
```

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

```
.background{ background-color:#F701A1 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor