

# Converting Colors

Hex(F634A3)

Have a look what the booklet for  
Hex(F634A3) contains.

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**Color**

**Hex(F634A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F634A3
RGB	246, 52, 163
RGB Percent	96%, 20%, 64%
CMY	0.0353, 0.7961, 0.3608
CMYK	0.00, 0.79, 0.34, 0.04
HSL	326°, 92%, 58%
HSV	326°, 79%, 96%
XYZ	45.8449, 24.6932, 37.0003
YIQ	122.6600, 79.9930, 75.6490

# Conversions

## Conversions Part 2

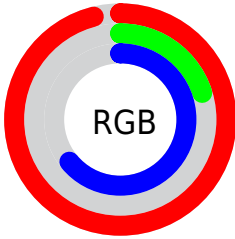
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	246, 52, 163
Decimal	16135331
CIE <sub>Lab</sub>	56.78, 78.44, -14.09
CIE <sub>LCh</sub>	57, 79.691, 349.815
Yxy	24.6932, 0.4263, 0.2296
Android (android.graphics.Color)	4294325411 (0xFFFF634A3)
YUV	122.6600, 19.8876, 108.1692
Hunter-Lab	49.6922, 77.7186, -9.3622

# Details

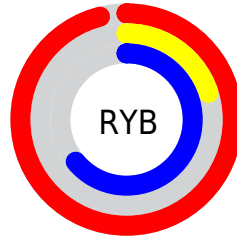
The Hex color **F634A3** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **34F687**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF77DA**, and **B8006F** is the 20% darker color. If you saturate the color by 10%, you get **F61B98**, and if you desaturate by 10%, it is **F64DAE**.

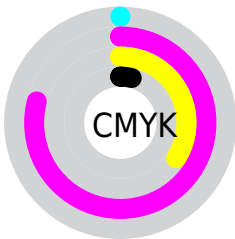
# Distribution



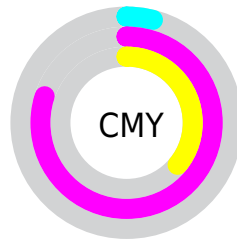
- Red (96%)
- Green (20%)
- Blue (64%)



- Red (96%)
- Yellow (20%)
- Blue (64%)



- Cyan (0%)
- Magenta (79%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (80%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F634A3 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 F634A3 by changing the saturation by 10% instead.



 F634A3

 F634A3

FFFFFF

 D70089

 FF77DA

 B8006F

 FF95F6

 9A0057

 FFB3FF

 7C0040

 FFD1FF

 5F0029

 FFEFFF

 430015

 230001

 000000

 F634A3

 F634A3

 F61B98

 F64DAE

 F6038E

 F665B8

 F6008D

 F67EC3

 F696CD

 F6AFD8

 F6C8E2

 F6E0ED

 F6F9F7

 F6FFFF

# Harmonies

## Analogous

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



C25CE3



F634A3



FF355E

# Triad

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



F634A3



799300



00A3F2

# Complementary

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



F634A3



34F687

# 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.



00A6B6



F634A3



009F21

# Square

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



F634A3



B87D00



00A56D



0098FF

# Rectangle

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



F634A3



F24F32



00A56D



00A5E0



# Sweetspot

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



F634A3



FFC2E5



8534F6



805B70



000000



808080



# Same Dimension

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



F634A3



FF0D97



F63444



7A6E75



BA006B



3B0022



# Inverse Universe

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



F634A3



FF0D97



34F6E6



7A6E75



BA006B



3B0022



# Previews

## White Background



This preview shows how the Hex color F634A3 looks on a white background.

## Color Contrast Check

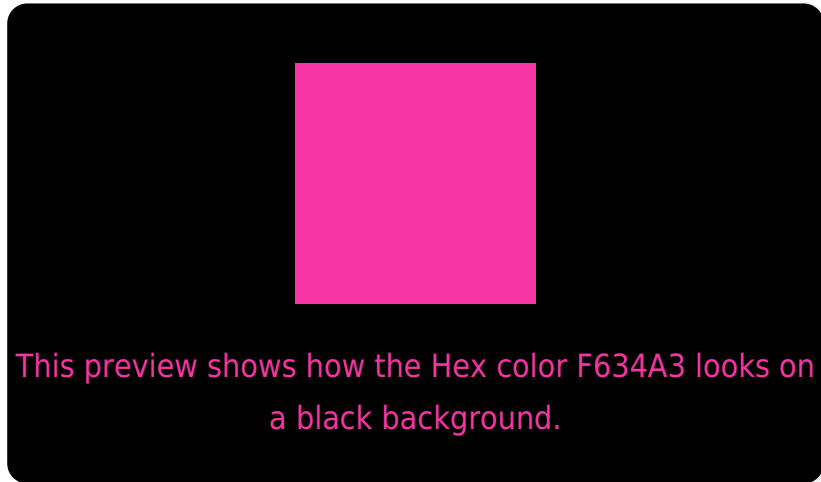
Large Text (above 18pt) WCAG AA ✓ Pass

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 F634A3 Background



This preview shows how black text looks on a background with the Hex color F634A3.



This preview shows how white text looks on a background with the Hex color F634A3.

# 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**  
F04E52

# Trichromacy



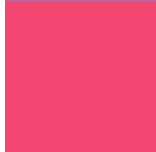
**Original Color**  
F634A3



**Protanomaly**  
9C68C7



**Deuteranomaly**  
B4689D



**Tritanomaly**  
F2456F

# Monochromacy



**Original Color**  
F634A3



**Achromatopsia**  
7B7B7B



**Achromatomaly**  
A8618A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F634A3 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 #F634A3 looks like.

```
.text, #text, p{  
    color:#F634A3  
}
```

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 #F634A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F634A3
}
```

## Border

The CSS property to change the border of an element to Hex F634A3 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
#F634A3 }
```

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

```
.border{ border-color:#F634A3 }
```

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

Here you see how a box with a 4 pixel #F634A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F634A3; -webkit-box-shadow:4px 4px  
4px 4px #F634A3; box-shadow:4px 4px 4px  
4px #F634A3 }
```

# Background

The CSS property to change the background color of an element to Hex F634A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F634A3 }
```

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

```
.background{ background-color:#F634A3 }
```

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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