

# Converting Colors

Hex(F293AA)

Have a look what the booklet for  
Hex(F293AA) contains.

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# **Color**

**Hex(F293AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F293AA
RGB	242, 147, 170
RGB Percent	95%, 58%, 67%
CMY	0.0510, 0.4235, 0.3333
CMYK	0.00, 0.39, 0.30, 0.05
HSL	345°, 79%, 76%
HSV	345°, 39%, 95%
XYZ	54.3074, 42.6470, 43.3996
YIQ	178.0270, 49.2370, 27.2930

# Conversions

## Conversions Part 2

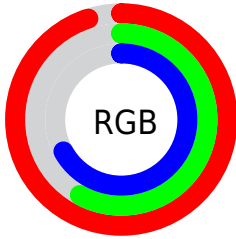
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 147, 170
Decimal	15897514
CIE Lab	71.31, 38.54, 3.35
CIE LCh	71, 38.689, 4.974
Yxy	42.6470, 0.3869, 0.3039
Android (android.graphics.Color)	4294087594 (0xFF293AA)
YUV	178.0270, -3.9573, 56.1043
Hunter-Lab	65.3046, 34.1576, 6.3108

# Details

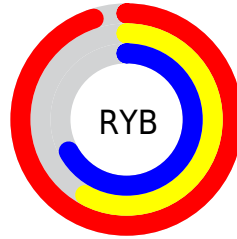
The Hex color **F293AA** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **93F2DB**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCAE1**, and **B85E76** is the 20% darker color. If you saturate the color by 10%, you get **F27B98**, and if you desaturate by 10%, it is **F2ABBC**.

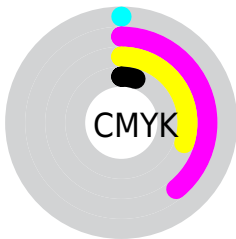
# Distribution



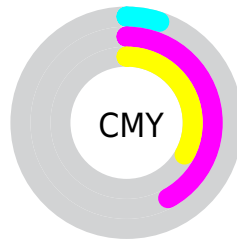
- Red (95%)
- Green (58%)
- Blue (67%)



- Red (95%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (5%)



- Cyan (5%)
- Magenta (42%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F293AA 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 F293AA by changing the saturation by 10% instead.



 F293AA

FFFFFF

 FFCAE1

 FFE7FE

 F293AA

 D57890

 B85E76

 9B455D

 802C46

 641030

 4A001B

 330001

 030000

 000000

 F293AA

 F293AA

 F27B98

 F2ABBC

 F26385

 F2C3CF

 F24A73

 F2DCE1

 F23261

 F2F4F3

 F21A4E

 F2FFFF

 F2023C

 F2003B

# Harmonies

## Analogous

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



E098CD



F293AA



F09788

# Triad

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



F293AA



9AB874



45BAEE

# Complementary

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



F293AA



93F2DB

# 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.



0CC0D6



F293AA



6FBF90

# Square

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



F293AA



C0AE68



3DC2B4



85B0F4

# Rectangle

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



F293AA



E69E76



3DC2B4



2FBDE7



# Sweetspot

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



F293AA



FFE0E8



DA93F2



806E72



000000



808080



# Same Dimension

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



F293AA



FF87A4



F2AB93



786C6F



B8002C



38000E



# Inverse Universe

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



F293AA



FF87A4



93DAF2



786C6F



B8002C



38000E



# Previews

## White Background



This preview shows how the Hex color F293AA looks on a white background.

## Color Contrast Check

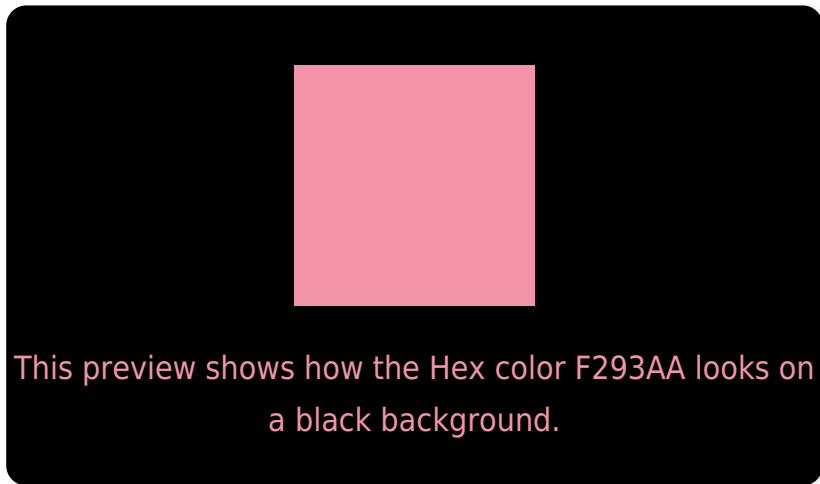
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex F293AA Background



This preview shows how black text looks on a background with the Hex color F293AA.

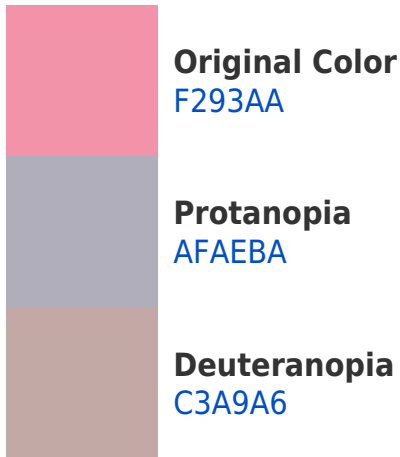


This preview shows how white text looks on a background with the Hex color F293AA.

# 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**  
F195A0

# Trichromacy



**Original Color**  
F293AA



**Protanomaly**  
C7A4B4



**Deuteranomaly**  
D4A1A7



**Tritanomaly**  
F194A4

# Monochromacy



**Original Color**  
F293AA



**Achromatopsia**  
B2B2B2



**Achromatomaly**  
C9A7AF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F293AA 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 #F293AA looks like.

```
.text, #text, p{  
    color:#F293AA  
}
```

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 #F293AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F293AA
}
```

## Border

The CSS property to change the border of an element to Hex F293AA 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
#F293AA }
```

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

```
.border{ border-color:#F293AA }
```

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

Here you see how a box with a 4 pixel #F293AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F293AA; -webkit-box-shadow:4px 4px  
4px 4px #F293AA; box-shadow:4px 4px 4px  
4px #F293AA }
```

# Background

The CSS property to change the background color of an element to Hex F293AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F293AA }
```

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

```
.background{ background-color:#F293AA }
```

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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