

# Converting Colors

Hex(F491A9)

Have a look what the booklet for  
Hex(F491A9) contains.

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# **Color**

**Hex(F491A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F491A9
RGB	244, 145, 169
RGB Percent	96%, 57%, 66%
CMY	0.0431, 0.4314, 0.3373
CMYK	0.00, 0.41, 0.31, 0.04
HSL	345°, 82%, 76%
HSV	345°, 41%, 96%
XYZ	54.5951, 42.3485, 42.8327
YIQ	177.3370, 51.3000, 28.4520

# Conversions

## Conversions Part 2

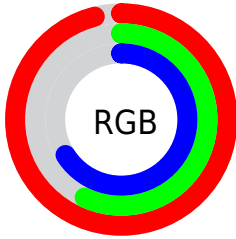
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 145, 169
Decimal	16028073
CIE <sub>Lab</sub>	71.11, 40.16, 3.65
CIE <sub>LCh</sub>	71, 40.320, 5.189
Yxy	42.3485, 0.3906, 0.3030
Android (android.graphics.Color)	4294218153 (0xFF491A9)
YUV	177.3370, -4.1101, 58.4635
Hunter-Lab	65.0757, 35.8695, 6.5284

# Details

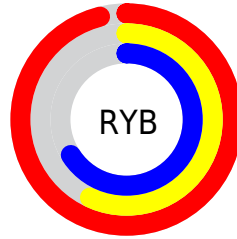
The Hex color **F491A9** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91F4DC**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FFC8E0**, and **B95C75** is the 20% darker color. If you saturate the color by 10%, you get **F47997**, and if you desaturate by 10%, it is **F4A9BB**.

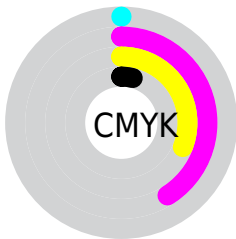
# Distribution



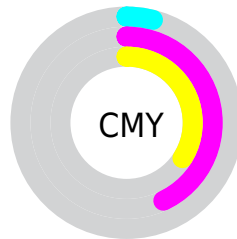
- Red (96%)
- Green (57%)
- Blue (66%)



- Red (96%)
- Yellow (57%)
- Blue (66%)



- Cyan (0%)
- Magenta (41%)
- Yellow (31%)
- Black (4%)



- Cyan (4%)
- Magenta (43%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F491A9 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 F491A9 by changing the saturation by 10% instead.



 F491A9

 F491A9

FFFFFF

 D6768F

 FFC8E0

 B95C75

 FFE5FD

 9D435D

 812945

 660C2F

 4B001A

 340001

 050000

 000000

 F491A9

 F491A9

 F47997

 F4A9BB

 F46084

 F4C2CE

 F44872

 F4DAE0

 F42F5F

 F4F3F3

 F4174D

 F4FFFF

 F4003B

# Harmonies

## Analogous

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



E196CE



F491A9



F29686

# Triad

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



F491A9



99B871



3ABAFO

# Complementary

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



F491A9



91F4DC

# 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.



00C0D7



F491A9



6BBF8E

# Square

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



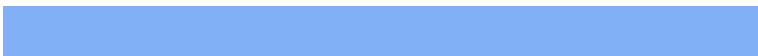
F491A9



C0AE64



31C2B3



82B0F7

# Rectangle

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



F491A9



E79D73



31C2B3



19BDE9



# Sweetspot

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



F491A9



FFE0E8



DB91F4



806E72



000000



808080



# Same Dimension

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



F491A9



FF82A0



F4AA91



7A6E71



BA002D



3B000E



# Inverse Universe

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



F491A9



FF82A0



91DBF4



7A6E71



BA002D



3B000E



# Previews

## White Background



This preview shows how the Hex color F491A9 looks on a white background.

## Color Contrast Check

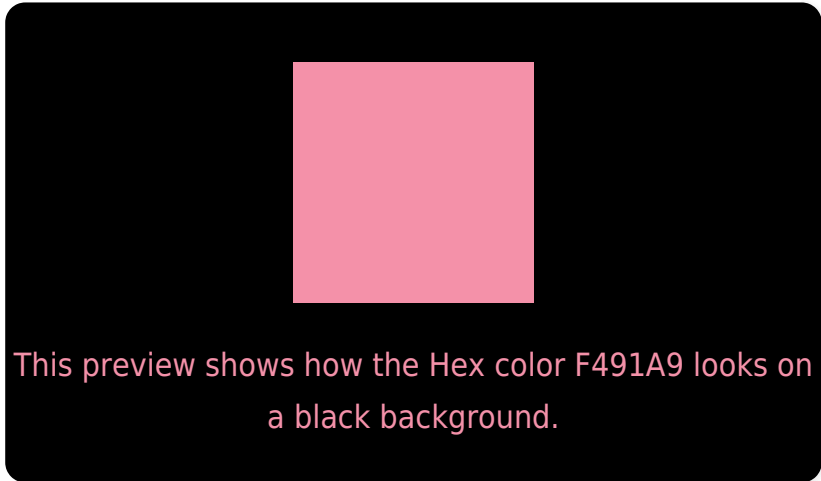
Large Text (above 18pt) WCAG AA × Fail

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 F491A9 Background



This preview shows how black text looks on a background with the Hex color F491A9.

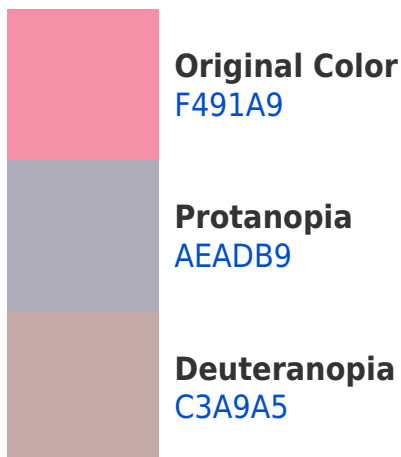


This preview shows how white text looks on a background with the Hex color F491A9.

# 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**  
F3939E

# Trichromacy



**Original Color**  
F491A9



**Protanomaly**  
C7A3B3



**Deuteranomaly**  
D5A0A6



**Tritanomaly**  
F392A2

# Monochromacy



**Original Color**  
F491A9



**Achromatopsia**  
B1B1B1



**Achromatomaly**  
C9A5AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F491A9 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 #F491A9 looks like.

```
.text, #text, p{  
    color:#F491A9  
}
```

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 #F491A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F491A9
}
```

## Border

The CSS property to change the border of an element to Hex F491A9 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
#F491A9 }
```

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

```
.border{ border-color:#F491A9 }
```

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

Here you see how a box with a 4 pixel #F491A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F491A9; -webkit-box-shadow:4px 4px  
4px 4px #F491A9; box-shadow:4px 4px 4px  
4px #F491A9 }
```

# Background

The CSS property to change the background color of an element to Hex F491A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F491A9 }
```

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

```
.background{ background-color:#F491A9 }
```

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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