

# Converting Colors

Hex(F992AA)

Have a look what the booklet for  
Hex(F992AA) contains.

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# **Color**

**Hex(F992AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F992AA
RGB	249, 146, 170
RGB Percent	98%, 57%, 67%
CMY	0.0235, 0.4275, 0.3333
CMYK	0.00, 0.41, 0.32, 0.02
HSL	346°, 90%, 77%
HSV	346°, 41%, 98%
XYZ	56.6015, 43.5998, 43.4626
YIQ	179.5330, 53.6840, 29.3000

# Conversions

## Conversions Part 2

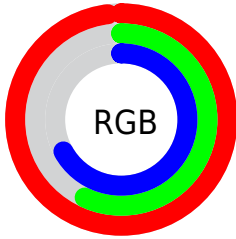
Format	Color
R <sub>Y</sub> B	249, 146, 170
Decimal	16356010
CIE Lab	71.96, 41.52, 4.40
CIE LCh	72, 41.755, 6.044
Yxy	43.5998, 0.3940, 0.3035
Android (android.graphics.Color)	4294546090 (0xFF992AA)
YUV	179.5330, -4.6998, 60.9226
Hunter-Lab	66.0301, 37.4587, 7.1950

# Details

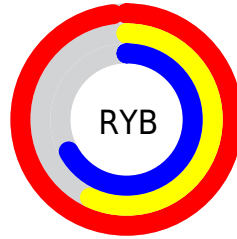
The Hex color **F992AA** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **92F9E1**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **FFC9E1**, and **BE5D76** is the 20% darker color. If you saturate the color by 10%, you get **F97997**, and if you desaturate by 10%, it is **F9ABBD**.

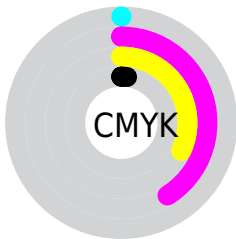
# Distribution



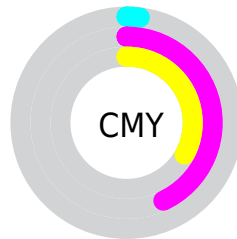
- Red (98%)
- Green (57%)
- Blue (67%)



- Red (98%)
- Yellow (57%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (43%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F992AA 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 F992AA by changing the saturation by 10% instead.



 F992AA

 F992AA

FFFFFF

 DB7790

 FFC9E1

 BE5D76

 FFE6FE

 A1435D

 852946

 6A0B30

 4F001B

 370001

 110000

 000000

 F992AA

 F992AA

 F97997

 F9ABBD

 F96084

 F9C4D0

 F94771

 F9DDE3

 F92E5E

 F9F6F6

 F9164B

 F9FFFF

 F9003A

# Harmonies

## Analogous

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



E697D0



F992AA



F69785

# Triad

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



F992AA



99BB71



36BDF5

# Complementary

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



F992AA



92F9E1

# 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.



00C3DC



F992AA



69C290

# Square

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



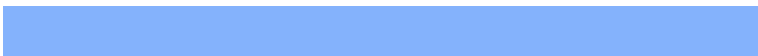
F992AA



C1B163



27C5B7



84B2FC

# Rectangle

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



F992AA



EB9F72



27C5B7



04BFEF



# Sweetspot

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



F992AA



FFE0E8



E192F9



806E72



000000



808080



# Same Dimension

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



F992AA



FF809D



F9AD92



7D7073



BD002C



3D000E



# Inverse Universe

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



F992AA



FF809D



92DEF9



7D7073



BD002C

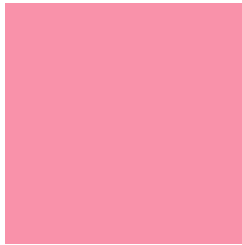


3D000E



# Previews

## White Background



This preview shows how the Hex color F992AA looks on a white background.

## Color Contrast Check

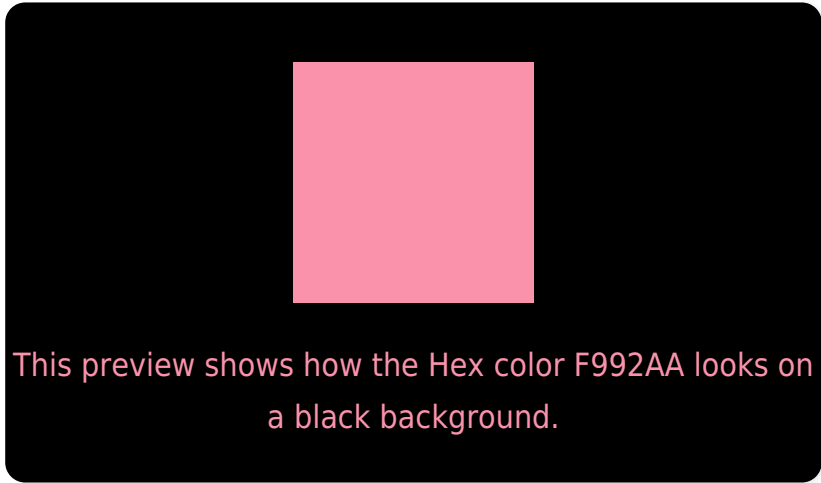
Large Text (above 18pt) WCAG AA × Fail

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 F992AA Background



This preview shows how black text looks on a background with the Hex color F992AA.

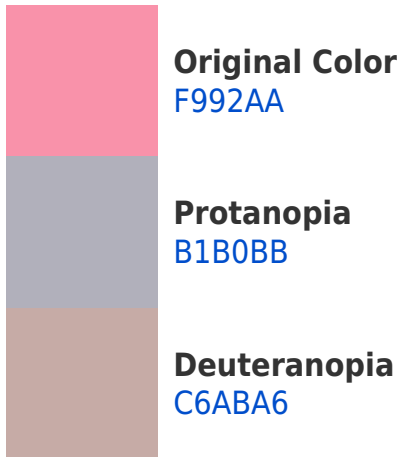


This preview shows how white text looks on a background with the Hex color F992AA.

# 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](#).

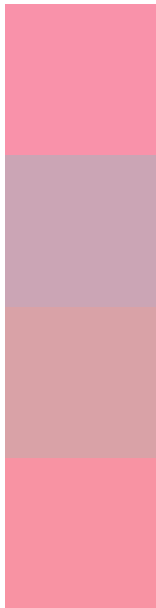
## Dichromacy





**Tritanopia**  
F8949F

# Trichromacy



**Original Color**  
F992AA

**Protanomaly**  
CBA5B5

**Deuteranomaly**  
D9A2A7

**Tritanomaly**  
F893A3

# Monochromacy



**Original Color**  
F992AA

**Achromatopsia**  
B4B4B4

**Achromatomaly**  
CDA8B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F992AA 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 #F992AA looks like.

```
.text, #text, p{  
    color:#F992AA  
}
```

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 #F992AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F992AA
}
```

## Border

The CSS property to change the border of an element to Hex F992AA 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
#F992AA }
```

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

```
.border{ border-color:#F992AA }
```

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

Here you see how a box with a 4 pixel #F992AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F992AA; -webkit-box-shadow:4px 4px  
4px 4px #F992AA; box-shadow:4px 4px 4px  
4px #F992AA }
```

# Background

The CSS property to change the background color of an element to Hex F992AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F992AA }
```

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

```
.background{ background-color:#F992AA }
```

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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