

# Converting Colors

Hex(F59AA1)

Have a look what the booklet for  
Hex(F59AA1) contains.

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# **Color**

**Hex(F59AA1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F59AA1
RGB	245, 154, 161
RGB Percent	96%, 60%, 63%
CMY	0.0392, 0.3961, 0.3686
CMYK	0.00, 0.37, 0.34, 0.04
HSL	355°, 82%, 78%
HSV	355°, 37%, 96%
XYZ	55.6448, 45.0969, 39.4900
YIQ	182.0070, 51.9890, 21.4690

# Conversions

## Conversions Part 2

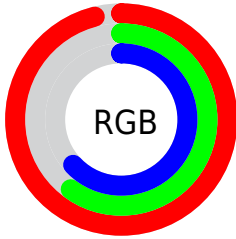
Format	Color
R <sub>Y</sub> B	245, 154, 161
Decimal	16095905
CIE Lab	72.96, 34.85, 10.74
CIE LCh	73, 36.467, 17.134
Yxy	45.0969, 0.3968, 0.3216
Android (android.graphics.Color)	4294285985 (0xFFFF59AA1)
YUV	182.0070, -10.3565, 55.2449
Hunter-Lab	67.1542, 30.3874, 12.1425

# Details

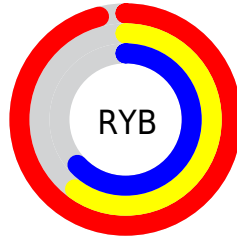
The Hex color **F59AA1** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **9AF5EE**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FFD1D8**, and **BA656E** is the 20% darker color. If you saturate the color by 10%, you get **F5828A**, and if you desaturate by 10%, it is **F5B2B8**.

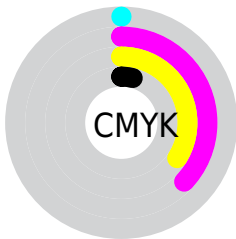
# Distribution



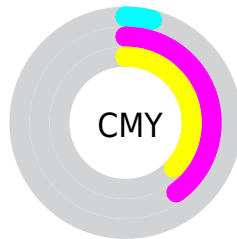
- Red (96%)
- Green (60%)
- Blue (63%)



- Red (96%)
- Yellow (60%)
- Blue (63%)



- Cyan (0%)
- Magenta (37%)
- Yellow (34%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F59AA1 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 F59AA1 by changing the saturation by 10% instead.



 F59AA1

 F59AA1

FFFFFF

 D77F87

 FFD1D8

 BA656E

 FFEEF4

 9E4C55

 82343E

 671B28

 4C0014

 340000

 0C0000

 000000

 F59AA1

 F59AA1

 F5828A

 F5B2B8

 F56974

 F5CBCE

 F5505D

 F5E3E5

 F53847

 F5FCFB

 F51F30

 F5FFFF

 F50719

 F50013

# Harmonies

## Analogous

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



EB9BC3



F59AA1



EDA184

# Triad

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



F59AA1



90BF85



6DBBF4

# Complementary

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



F59AA1



9AF5EE

# 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.



3DC2E3



F59AA1



67C4A3

# Square

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



F59AA1



B6B772



3FC5C6



A2B0F3

# Rectangle

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



F59AA1



DFA876



3FC5C6



5BBEF0



# Sweetspot

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



F59AA1



FFE3E5



ED9AF5



806F70



000000



808080



# Same Dimension

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



F59AA1



FF8C95



F5C09A



7A6E6F



BA000E



3B0005



# Inverse Universe

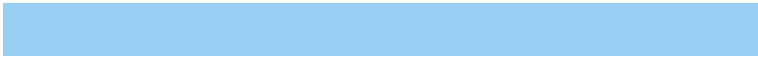
The Inverse Universe completely reimagines the original color for something new.



F59AA1



FF8C95



9ACFF5



7A6E6F



BA000E



3B0005



# Previews

## White Background



This preview shows how the Hex color F59AA1 looks on a white background.

## Color Contrast Check

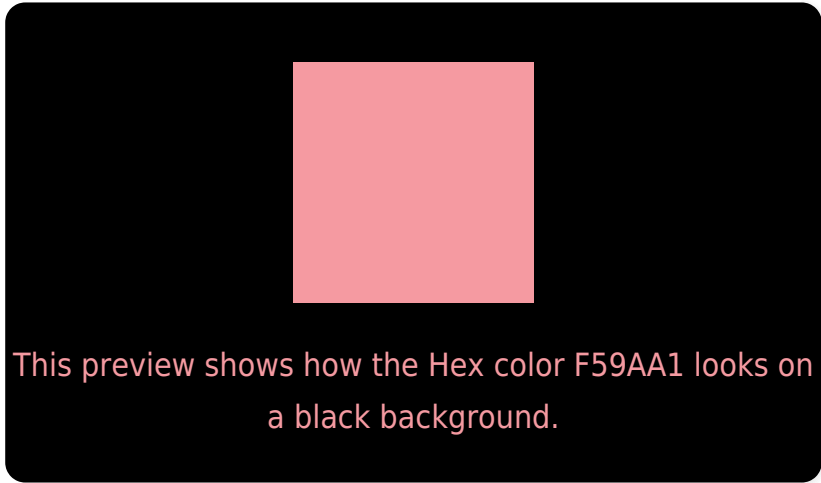
Large Text (above 18pt) WCAG AA × Fail

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 F59AA1 Background



This preview shows how black text looks on a background with the Hex color F59AA1.

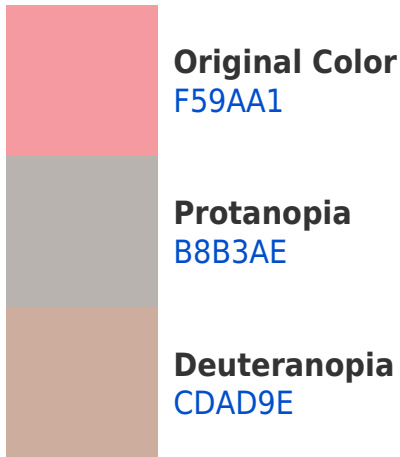


This preview shows how white text looks on a background with the Hex color F59AA1.

# 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](#).

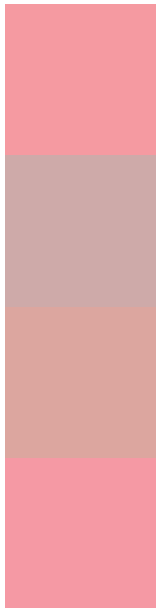
## Dichromacy





**Tritanopia**  
F599A5

# Trichromacy



**Original Color**  
F59AA1

**Protanomaly**  
CEAAA9

**Deuteranomaly**  
DCA69F

**Tritanomaly**  
F599A4

# Monochromacy



**Original Color**  
F59AA1

**Achromatopsia**  
B6B6B6

**Achromatomaly**  
CDACAE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F59AA1 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 #F59AA1 looks like.

```
.text, #text, p{  
    color:#F59AA1  
}
```

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 #F59AA1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F59AA1
}
```

## Border

The CSS property to change the border of an element to Hex F59AA1 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
#F59AA1 }
```

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

```
.border{ border-color:#F59AA1 }
```

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

Here you see how a box with a 4 pixel #F59AA1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F59AA1; -webkit-box-shadow:4px 4px  
4px 4px #F59AA1; box-shadow:4px 4px 4px  
4px #F59AA1 }
```

# Background

The CSS property to change the background color of an element to Hex F59AA1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F59AA1 }
```

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

```
.background{ background-color:#F59AA1 }
```

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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