

# Converting Colors

Hex(F95AC4)

Have a look what the booklet for  
Hex(F95AC4) contains.

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# **Color**

**Hex(F95AC4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F95AC4
RGB	249, 90, 196
RGB Percent	98%, 35%, 77%
CMY	0.0235, 0.6471, 0.2314
CMYK	0.00, 0.64, 0.21, 0.02
HSL	320°, 93%, 66%
HSV	320°, 64%, 98%
XYZ	52.6869, 31.4376, 55.5157
YIQ	149.6250, 60.7380, 66.6740

# Conversions

## Conversions Part 2

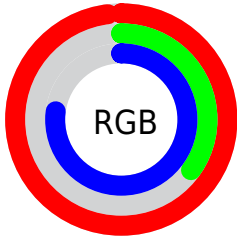
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	249, 90, 196
Decimal	16341700
CIE <sub>Lab</sub>	62.88, 70.75, -23.79
CIE <sub>LCh</sub>	63, 74.643, 341.418
Y <sub>xy</sub>	31.4376, 0.3773, 0.2251
Android (android.graphics.Color)	4294531780 (0xFFF95AC4)
YUV	149.6250, 22.8629, 87.1519
Hunter-Lab	56.0692, 69.6109, -19.4562

# Details

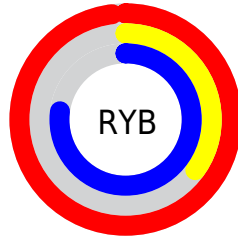
The Hex color **F95AC4** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **5AF98F**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **FF95FD**, and **BD0E8E** is the 20% darker color. If you saturate the color by 10%, you get **F941BC**, and if you desaturate by 10%, it is **F973CC**.

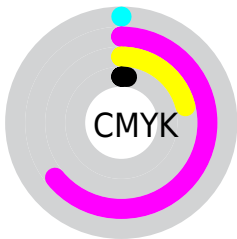
# Distribution



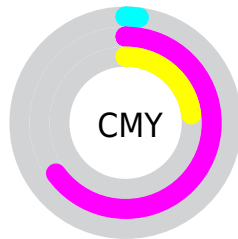
- Red (98%)
- Green (35%)
- Blue (77%)



- Red (98%)
- Yellow (35%)
- Blue (77%)



- Cyan (0%)
- Magenta (64%)
- Yellow (21%)
- Black (2%)



- Cyan (2%)
- Magenta (65%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F95AC4 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 F95AC4 by changing the saturation by 10% instead.



 F95AC4

 F95AC4

FFFFFF

 DB3AA9

 FF95FD

 BD0E8E

 FFB2FF

 9F0074

 FFCFFF

 82005B

 FFEDFF

 660044

 4B002D

 2F0018

 000000

 F95AC4

 F95AC4

 F941BC

 F973CC

 F928B3

 F98CD5

 F90FAB

 F9A5DD

 F900A6

 F9BEE5

 F9D6ED

 F9EFF6

 F9FFFE

 F9FFFF

# Harmonies

## Analogous

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



BA7AFD



F95AC4



FF5082

# Triad

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



F95AC4



9F9D00



00B4EF

# Complementary

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



F95AC4



5AF98F

# 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.



00B6B1



F95AC4



53AC27

# Square

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



F95AC4



D88600



00B46B



00ABFF

# Rectangle

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



F95AC4



FF5D57



00B46B



00B5DC



# Sweetspot

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



F95AC4



FFCFEF



8F5AF9



806276



000000



808080



# Same Dimension

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



F95AC4



FF3BBE



F95A75



7D7079



BD007E



3D0029



# Inverse Universe

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



F95AC4



FF3BBE



5AF9DE



7D7079



BD007E



3D0029



# Previews

## White Background



This preview shows how the Hex color F95AC4 looks on a white background.

## Color Contrast Check

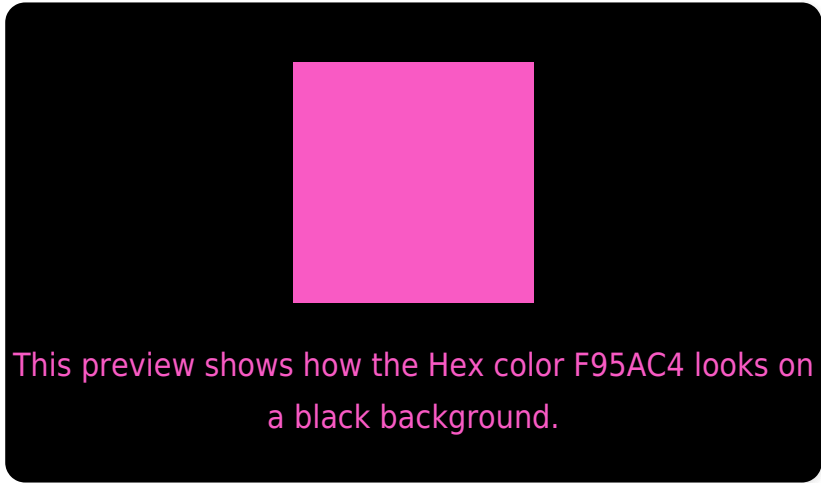
Large Text (above 18pt) WCAG AA × Fail

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

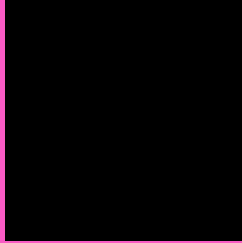
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex F95AC4 Background



This preview shows how black text looks on a background with the Hex color F95AC4.



This preview shows how white text looks on a background with the Hex color F95AC4.

# 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**  
F26E76

# Trichromacy



**Original Color**  
F95AC4



**Protanomaly**  
A680E1



**Deuteranomaly**  
BA80BE



**Tritanomaly**  
F56792

# Monochromacy



**Original Color**  
F95AC4



**Achromatopsia**  
969696



**Achromatomaly**  
BA80A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F95AC4 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 #F95AC4 looks like.

```
.text, #text, p{  
    color:#F95AC4  
}
```

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 #F95AC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F95AC4
}
```

## Border

The CSS property to change the border of an element to Hex F95AC4 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
#F95AC4 }
```

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

```
.border{ border-color:#F95AC4 }
```

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

Here you see how a box with a 4 pixel #F95AC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F95AC4; -webkit-box-shadow:4px 4px  
4px 4px #F95AC4; box-shadow:4px 4px 4px  
4px #F95AC4 }
```

# Background

The CSS property to change the background color of an element to Hex F95AC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F95AC4 }
```

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

```
.background{ background-color:#F95AC4 }
```

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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