

# Converting Colors

Hex(F95BE7)

Have a look what the booklet for  
Hex(F95BE7) contains.

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# Color

**Hex(F95BE7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F95BE7
RGB	249, 91, 231
RGB Percent	98%, 36%, 91%
CMY	0.0235, 0.6431, 0.0941
CMYK	0.00, 0.63, 0.07, 0.02
HSL	307°, 93%, 67%
HSV	307°, 63%, 98%
XYZ	57.2318, 33.3914, 79.0300
YIQ	154.2020, 49.2280, 77.0360

# Conversions

## Conversions Part 2

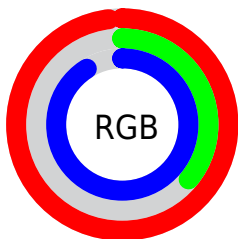
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	249, 91, 231
Decimal	16341991
CIE <sub>Lab</sub>	64.48, 75.34, -40.99
CIE <sub>LCh</sub>	64, 85.763, 331.452
Yxy	33.3914, 0.3373, 0.1968
Android (android.graphics.Color)	4294532071 (0xFFFF95BE7)
YUV	154.2020, 37.8614, 83.1378
Hunter-Lab	57.7853, 75.6659, -40.6382

# Details

The Hex color **F95BE7** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **5BF96D**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **FF96FF**, and **BDOCAF** is the 20% darker color. If you saturate the color by 10%, you get **F942E4**, and if you desaturate by 10%, it is **F974EA**.

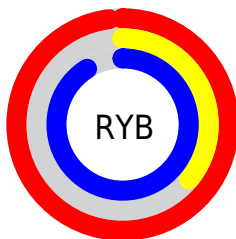
# Distribution



Red (98%)

Green (36%)

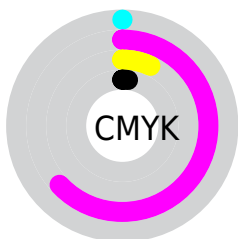
Blue (91%)



Red (98%)

Yellow (36%)

Blue (91%)

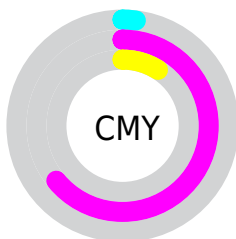


Cyan (0%)

Magenta (63%)

Yellow (7%)

Black (2%)



Cyan (2%)

Magenta (64%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F95BE7 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 F95BE7 by changing the saturation by 10% instead.



 F95BE7

FFFFFF

 FF96FF

 FFB4FF

 FFD1FF

 FFEFFF

 F95BE7

 DB3BCB

 BD0CAF

 A00094

 83007A

 660060

 4B0048

 300031

 06001A

 000000

 F95BE7

 F95BE7

 F942E4

 F974EA

 F929E1

 F98DED

 F910DE

 F9A6F0

 F900DD

 F9BFF2

 F9D8F5

 F9F0F8

 F9FFFB

 F9FFFE

 F9FFFF

# Harmonies

## Analogous

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



9A86FF



F95BE7



FF3B9C

# Triad

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



F95BE7



B99A00



00BDEB

# Complementary

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



F95BE7



5BF96D

# 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.



00BD9E



F95BE7



6BAE00

# Square

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



F95BE7



F47B00



00B94D



00B7FF

# Rectangle

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



F95BE7



FF466A



00B94D



00BED3



# Sweetspot

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



F95BE7



FFCFF9



6B5BF9



80627C



000000



808080



# Same Dimension

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



F95BE7



FF3DE9



F95B9A



7D707C



BD00A7



3D0036



# Inverse Universe

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



F95BE7



FF3DE9



5BF9BA



7D707C



BD00A7



3D0036



# Previews

## White Background



This preview shows how the Hex color F95BE7 looks on a white background.

## Color Contrast Check

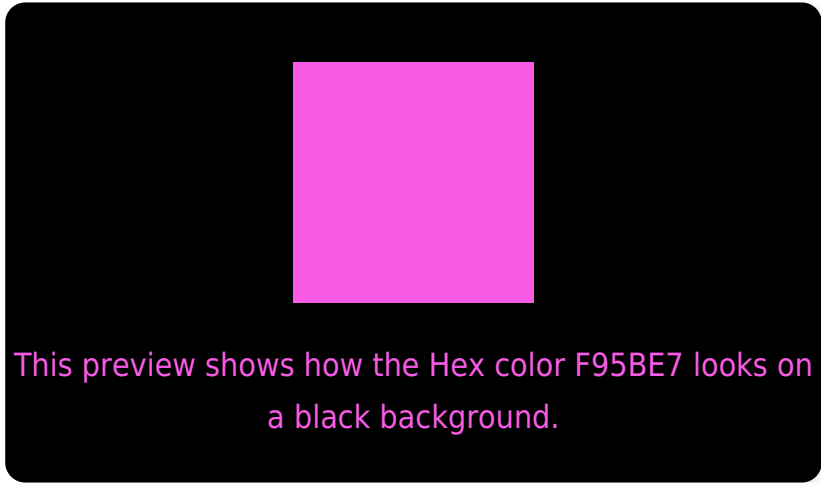
Large Text (above 18pt) WCAG AA × Fail

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 F95BE7 Background



This preview shows how black text looks on a background with the Hex color F95BE7.

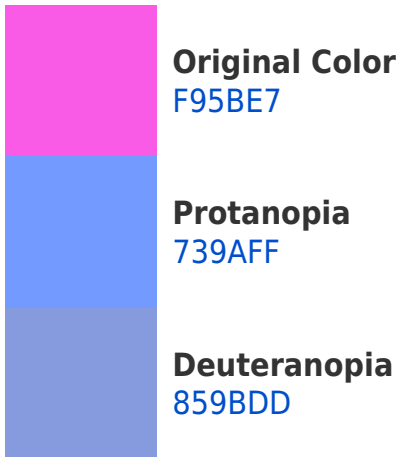


This preview shows how white text looks on a background with the Hex color F95BE7.

# 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**  
EE7881

# Trichromacy



**Original Color**  
F95BE7



**Protanomaly**  
A483F6



**Deuteranomaly**  
AF84E1



**Tritanomaly**  
F26DA6

# Monochromacy



**Original Color**  
F95BE7



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
BD83B6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F95BE7 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 #F95BE7 looks like.

```
.text, #text, p{  
    color:#F95BE7  
}
```

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 #F95BE7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F95BE7
}
```

## Border

The CSS property to change the border of an element to Hex F95BE7 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
#F95BE7 }
```

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

```
.border{ border-color:#F95BE7 }
```

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

Here you see how a box with a 4 pixel #F95BE7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F95BE7; -webkit-box-shadow:4px 4px  
4px 4px #F95BE7; box-shadow:4px 4px 4px  
4px #F95BE7 }
```

# Background

The CSS property to change the background color of an element to Hex F95BE7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F95BE7 }
```

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

```
.background{ background-color:#F95BE7 }
```

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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