

# Converting Colors

Hex(F765A9)

Have a look what the booklet for  
Hex(F765A9) contains.

<b>Hex(F765A9)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(F765A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F765A9
RGB	247, 101, 169
RGB Percent	97%, 40%, 66%
CMY	0.0314, 0.6039, 0.3373
CMYK	0.00, 0.59, 0.32, 0.03
HSL	332°, 90%, 68%
HSV	332°, 59%, 97%
XYZ	50.1729, 31.9461, 41.0579
YIQ	152.4060, 65.1880, 52.1000

# Conversions

## Conversions Part 2

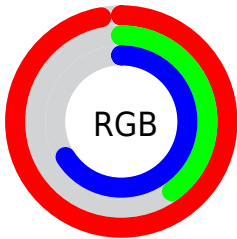
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 101, 169
Decimal	16213417
CIE <sub>Lab</sub>	63.30, 62.29, -7.77
CIE <sub>LCh</sub>	63, 62.772, 352.889
Yxy	31.9461, 0.4073, 0.2594
Android (android.graphics.Color)	4294403497 (0xFFFF765A9)
YUV	152.4060, 8.1808, 82.9589
Hunter-Lab	56.5209, 59.5407, -3.5049

# Details

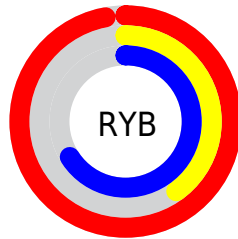
The Hex color **F765A9** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **65F7B3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **FF9EE0**, and **BB2875** is the 20% darker color. If you saturate the color by 10%, you get **F74C9C**, and if you desaturate by 10%, it is **F77EB6**.

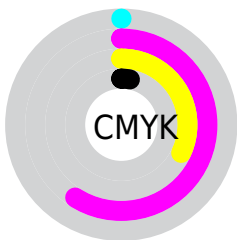
# Distribution



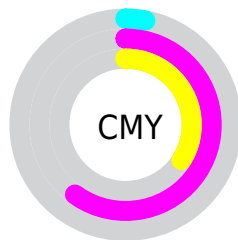
- Red (97%)
- Green (40%)
- Blue (66%)



- Red (97%)
- Yellow (40%)
- Blue (66%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (60%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F765A9 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 F765A9 by changing the saturation by 10% instead.



 F765A9

 F765A9

FFFFFF

 D9488F

 FF9EE0

 BB2875

 FFBAFD

 9D005C

 FFD8FF

 800045

 FFF5FF

 64002F

 48001A

 2D0001

 000000

 F765A9

 F765A9

 F74C9C

 F77EB6

 F7348F

 F796C3

 F71B81

 F7AFD1

 F70274

 F7C8DE

 F70073

 F7E1EB

 F7F9F8

 F7FFFF

# Harmonies

## Analogous

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



D077DD



F765A9



FD6871

# Triad

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



F765A9



8CA326



00AFF2

# Complementary

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



F765A9



65F7B3

# 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.



00B4C3



F765A9



42AE52

# Square

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



F765A9



C1921D



00B38A



00A4FF

# Rectangle

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



F765A9



F2744F



00B38A



00B1E4



# Sweetspot

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



F765A9



FFD1E6



B365F7



806371



000000



808080



# Same Dimension

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



F765A9



FF4A9E



F76A65



7A6E74



BA0057



3B001B



# Inverse Universe

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



F765A9



FF4A9E



65F2F7



7A6E74



BA0057



3B001B



# Previews

## White Background



This preview shows how the Hex color F765A9 looks on a white background.

## Color Contrast Check

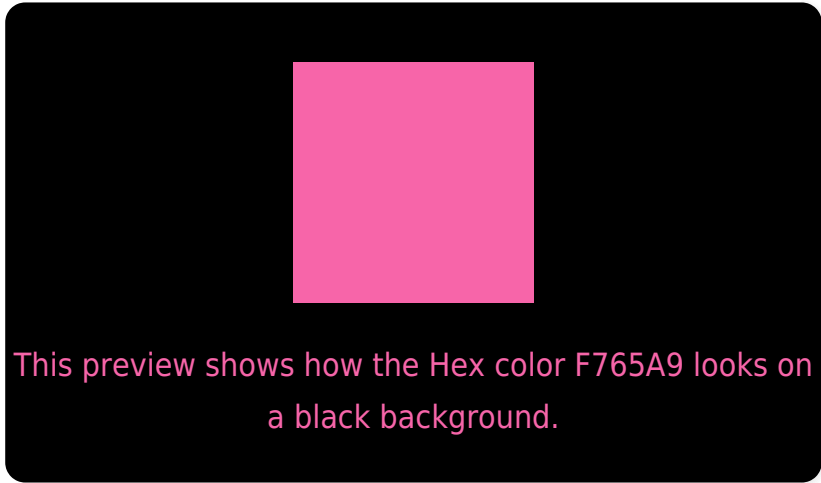
Large Text (above 18pt) WCAG AA × Fail

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 F765A9 Background



This preview shows how black text looks on a background with the Hex color F765A9.



This preview shows how white text looks on a background with the Hex color F765A9.

# 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





# Trichromacy



**Original Color**  
F765A9



**Protanomaly**  
B385BF



**Deuteranomaly**  
C384A5



**Tritanomaly**  
F46C89

# Monochromacy



**Original Color**  
F765A9



**Achromatopsia**  
989898



**Achromatomaly**  
BB859E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F765A9 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 #F765A9 looks like.

```
.text, #text, p{  
    color:#F765A9  
}
```

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 #F765A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F765A9
}
```

## Border

The CSS property to change the border of an element to Hex F765A9 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
#F765A9 }
```

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

```
.border{ border-color:#F765A9 }
```

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

Here you see how a box with a 4 pixel #F765A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F765A9; -webkit-box-shadow:4px 4px  
4px 4px #F765A9; box-shadow:4px 4px 4px  
4px #F765A9 }
```

# Background

The CSS property to change the background color of an element to Hex F765A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F765A9 }
```

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

```
.background{ background-color:#F765A9 }
```

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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