

# Converting Colors

Hex(FF75AE)

Have a look what the booklet for  
Hex(FF75AE) contains.

<b>Hex(FF75AE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F775AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF75AE
RGB	255, 117, 174
RGB Percent	100%, 46%, 68%
CMY	0.0000, 0.5412, 0.3176
CMYK	0.00, 0.54, 0.32, 0.00
HSL	335°, 100%, 73%
HSV	335°, 54%, 100%
XYZ	55.2413, 37.0386, 44.2820
YIQ	164.7600, 63.9510, 46.9830

# Conversions

## Conversions Part 2

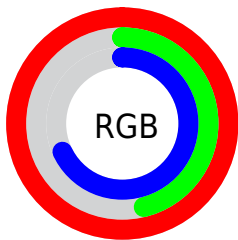
Format	Color
R <sub>Y</sub> B	255, 117, 174
Decimal	16741806
CIE Lab	67.31, 58.19, -4.55
CIE LCh	67, 58.365, 355.531
Yxy	37.0386, 0.4045, 0.2712
Android (android.graphics.Color)	4294931886 (0xFFFF75AE)
YUV	164.7600, 4.5553, 79.1405
Hunter-Lab	60.8593, 55.5185, -0.5386

# Details

The Hex color **FF75AE** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **75FFC6**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFADE5**, and **C33C7A** is the 20% darker color. If you saturate the color by 10%, you get **FF5B9F**, and if you desaturate by 10%, it is **FF8FBD**.

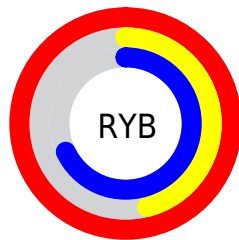
# Distribution



Red (100%)

Green (46%)

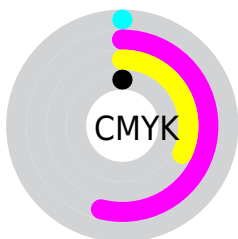
Blue (68%)



Red (100%)

Yellow (46%)

Blue (68%)

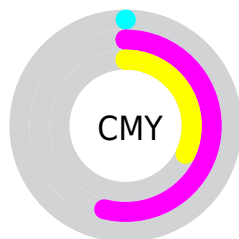


Cyan (0%)

Magenta (54%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF75AE 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 FF75AE by changing the saturation by 10% instead.



 FF75AE

 FF75AE

FFFFFF

 E15993

 FFADE5

 C33C7A

 FFCAFF

 A51B61

 FFE7FF

 880049

 6C0033

 50001E

 370002

 090000

 000000

 FF75AE

 FF75AE

 FF5B9F

 FF8FBD

 FF4290

 FFA8CC

 FF2881

 FFC2DB

 FF0F72

 FFDBEA

 FF0069

 FFF4F9

FFFFFF

# Harmonies

## Analogous

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



DD83E0



FF75AE



FF797A

# Triad

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



FF75AE



94AE3E



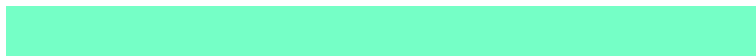
00B8FA

# Complementary

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



FF75AE



75FFC6

# 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.



00BDD0



FF75AE



50B866

# Square

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



FF75AE



C79E34



00BD9A



00ACFF

# Rectangle

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



FF75AE



F8845B



00BD9A



00BAEE



# Sweetspot

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



FF75AE



FFD6E7



C575FF



806771



000000



808080



# Same Dimension

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



FF75AE



FF599E



FF8175



807378



BF004F



40001A



# Inverse Universe

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



FF75AE



FF599E



75F4FF



807378



BF004F



40001A



# Previews

## White Background



This preview shows how the Hex color FF75AE looks on a white background.

## Color Contrast Check

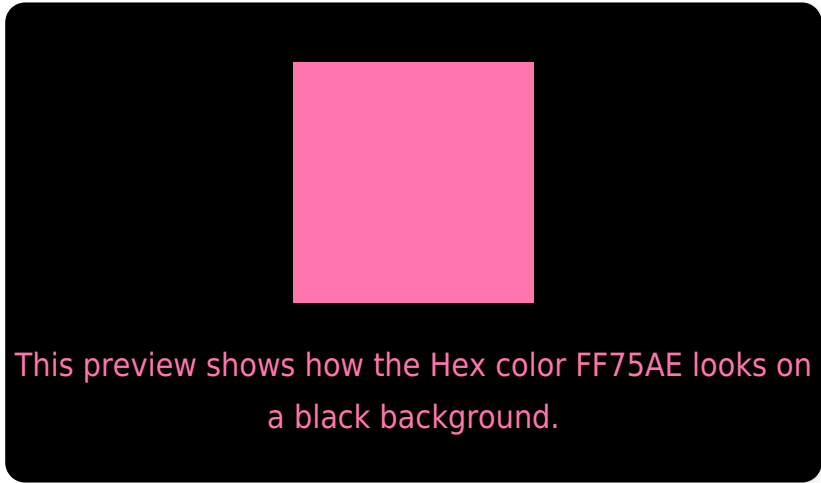
Large Text (above 18pt) WCAG AA × Fail

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 FF75AE Background



This preview shows how black text looks on a background with the Hex color FF75AE.

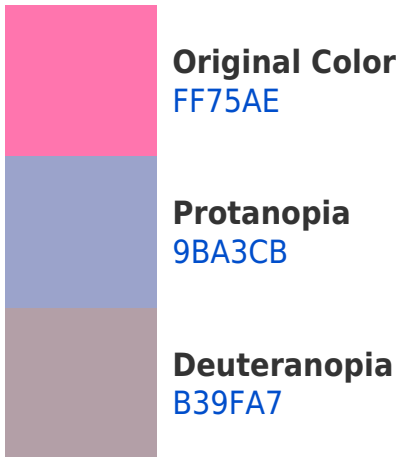



This preview shows how white text looks on a background with the Hex color FF75AE.

# 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**  
FC7D86

# Trichromacy



**Original Color**  
FF75AE



**Protanomaly**  
BF92C0



**Deuteranomaly**  
CF90AA



**Tritanomaly**  
FD7A95

# Monochromacy



**Original Color**  
FF75AE



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C694A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF75AE 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 #FF75AE looks like.

```
.text, #text, p{  
    color:#FF75AE  
}
```

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 #FF75AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF75AE
}
```

## Border

The CSS property to change the border of an element to Hex FF75AE 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
#FF75AE }
```

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

```
.border{ border-color:#FF75AE }
```

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

Here you see how a box with a 4 pixel #FF75AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF75AE; -webkit-box-shadow:4px 4px  
4px 4px #FF75AE; box-shadow:4px 4px 4px  
4px #FF75AE }
```

# Background

The CSS property to change the background color of an element to Hex FF75AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF75AE }
```

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

```
.background{ background-color:#FF75AE }
```

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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