

# Converting Colors

Hex(FF75E3)

Have a look what the booklet for  
Hex(FF75E3) contains.

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# **Color**

**Hex(F775E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF75E3
RGB	255, 117, 227
RGB Percent	100%, 46%, 89%
CMY	0.0000, 0.5412, 0.1098
CMYK	0.00, 0.54, 0.11, 0.00
HSL	312°, 100%, 73%
HSV	312°, 54%, 100%
XYZ	61.4664, 39.5286, 77.0632
YIQ	170.8020, 46.9380, 63.4660

# Conversions

## Conversions Part 2

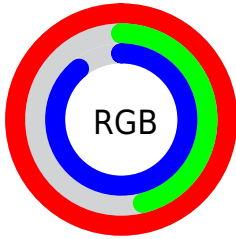
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">255, 117, 227</a>
Decimal	<a href="#">16741859</a>
CIELab	<a href="#">69.13, 65.43, -31.45</a>
CIElCh	<a href="#">69, 72.602, 334.326</a>
Yxy	<a href="#">39.5286, 0.3452, 0.2220</a>
Android (android.graphics.Color)	<a href="#">4294931939 (0xFFFF75E3)</a>
YUV	<a href="#">170.8020, 27.7056, 73.8416</a>
Hunter-Lab	<a href="#">62.8718, 64.4843, -28.6627</a>

# Details

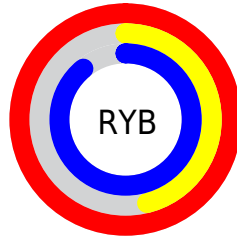
The Hex color **FF75E3** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **75FF91**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFAEFF**, and **C33BAB** is the 20% darker color. If you saturate the color by 10%, you get **FF5BDE**, and if you desaturate by 10%, it is **FF8FE8**.

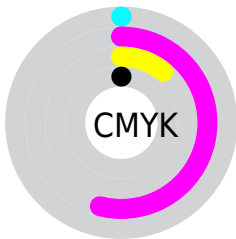
# Distribution



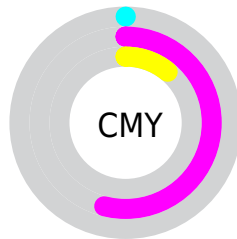
- Red (100%)
- Green (46%)
- Blue (89%)



- Red (100%)
- Yellow (46%)
- Blue (89%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF75E3 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 FF75E3 by changing the saturation by 10% instead.



 FF75E3

 FF75E3

FFFFFF

 E158C7

 FFAEFF

 C33BAB

 FFCBFF

 A61591

 FFE8FF

 8A0077

 6E005E

 520045

 3A002F

 1A0019

 000000

 FF75E3

 FF75E3

 FF5BDE

 FF8FE8

 FF42D9

 FFA8ED

 FF28D3

 FFC2F3

 FF0FCE

 FFDBF8

 FF00CB

 FFF4FD

FFFFFF

# Harmonies

## Analogous

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



B593FF



FF75E3



FF66A2

# Triad

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



FF75E3



C0A900



00C6F1

# Complementary

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



FF75E3



75FF91

# 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.



00C7B1



FF75E3



7CBA2F

# Square

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



FF75E3



F5902A



00C36D



00BEFF

# Rectangle

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



FF75E3



FF6D77



00C36D



00C7DD



# Sweetspot

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



FF75E3



FFD6F7



9175FF



80677B



000000



808080



# Same Dimension

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



FF75E3



FF59DD



FF759E



80737D



BF0098



400033



# Inverse Universe

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



FF75E3



FF59DD



75FFD6



80737D



BF0098

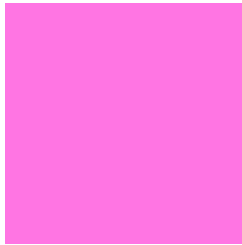


400033



# Previews

## White Background



This preview shows how the Hex color FF75E3 looks on a white background.

## Color Contrast Check

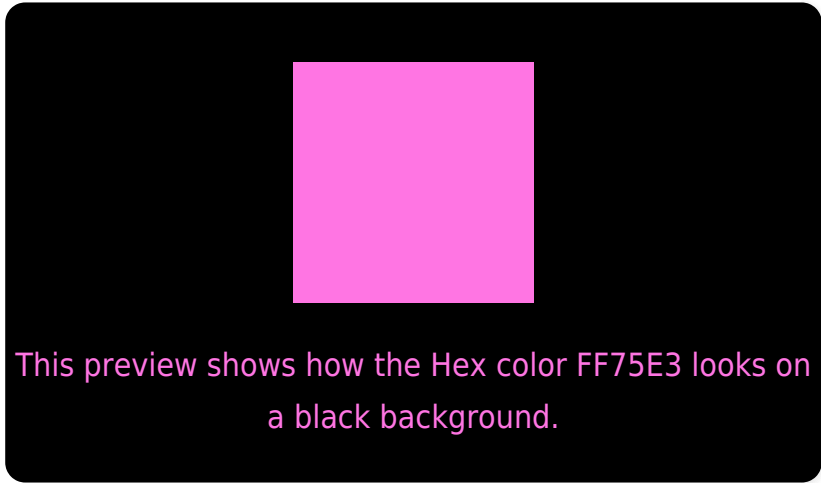
Large Text (above 18pt) WCAG AA × Fail

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 FF75E3 Background



This preview shows how black text looks on a background with the Hex color FF75E3.



This preview shows how white text looks on a background with the Hex color FF75E3.

# 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**  
F68892

# Trichromacy



**Original Color**  
FF75E3



**Protanomaly**  
B594F5



**Deuteranomaly**  
C294DE



**Tritanomaly**  
F981AF

# Monochromacy



**Original Color**  
FF75E3



**Achromatopsia**  
ABABAB



**Achromatomaly**  
CA97BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF75E3 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 #FF75E3 looks like.

```
.text, #text, p{  
    color:#FF75E3  
}
```

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 #FF75E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF75E3
}
```

## Border

The CSS property to change the border of an element to Hex FF75E3 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
#FF75E3 }
```

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

```
.border{ border-color:#FF75E3 }
```

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

Here you see how a box with a 4 pixel #FF75E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF75E3; -webkit-box-shadow:4px 4px  
4px 4px #FF75E3; box-shadow:4px 4px 4px  
4px #FF75E3 }
```

# Background

The CSS property to change the background color of an element to Hex FF75E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF75E3 }
```

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

```
.background{ background-color:#FF75E3 }
```

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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