

Converting Colors

Hex(FF76AB)

Have a look what the booklet for
Hex(FF76AB) contains.

Hex(FF76AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(F776AB)

Conversions

Conversions Part 1

Format	Color
Hex	FF76AB
RGB	255, 118, 171
RGB Percent	100%, 46%, 67%
CMY	0.0000, 0.5373, 0.3294
CMYK	0.00, 0.54, 0.33, 0.00
HSL	337°, 100%, 73%
HSV	337°, 54%, 100%
XYZ	55.0691, 37.1571, 42.7977
YIQ	165.0050, 64.6390, 45.5270

Conversions

Conversions Part 2

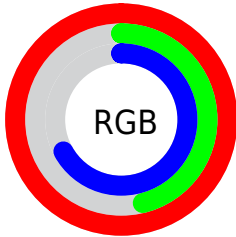
Format	Color
RYB	255, 118, 171
Decimal	16742059
CIELab	67.39, 57.37, -2.72
CIElCh	67, 57.435, 357.285
Yxy	37.1571, 0.4078, 0.2752
Android (android.graphics.Color)	4294932139 (0xFFFF76AB)
YUV	165.0050, 2.9555, 78.9256
Hunter-Lab	60.9567, 54.5853, 1.0422

Details

The Hex color **FF76AB** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **76FFCA**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFAEE2**, and **C33E77** is the 20% darker color. If you saturate the color by 10%, you get **FF5D9B**, and if you desaturate by 10%, it is **FF90BB**.

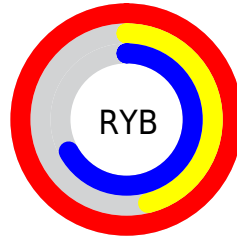
Distribution



Red (100%)

Green (46%)

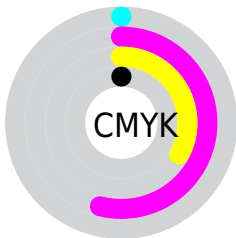
Blue (67%)



Red (100%)

Yellow (46%)

Blue (67%)

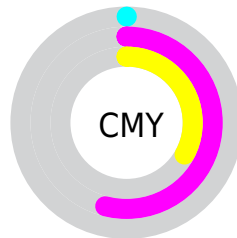


Cyan (0%)

Magenta (54%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF76AB 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 FF76AB by changing the saturation by 10% instead.

 FF76AB

 FF76AB

FFFFFF

 E15A91

 FFAEE2

 C33E77

 FFCBFF

 A51E5E

 FFE8FF

 880047

 6C0030

 50001C

 370002

 080000

 000000

 FF76AB

 FF76AB

 FF5D9B

 FF90BB

 FF438C

 FFA9CA

 FF2A7C

 FFC3DA

 FF106C

 FFDCEA

 FF0063

 FFF6F9

FFFFFF

Harmonies

Analogous

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



DF83DD



FF76AB



FF7B78

Triad

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



FF76AB



92AF42



00B7FA

Complementary

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



FF76AB



76FFCA

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.



00BDD2



FF76AB



4DB96A

Square

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



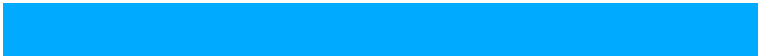
FF76AB



C5A036



00BD9E



00ABFF

Rectangle

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



FF76AB



F5865A



00BD9E



00BAEF

Sweetspot

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



FF76AB



FFD6E6



C876FF



806771



000000



808080

Same Dimension

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



FF76AB



FF5C9B



FF8476



807378



BF004A



400019

Inverse Universe

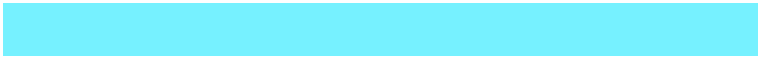
The Inverse Universe completely reimagines the original color for something new.



FF76AB



FF5C9B



76F1FF



807378



BF004A



400019

Previews

White Background



This preview shows how the Hex color FF76AB looks on a white background.

Color Contrast Check

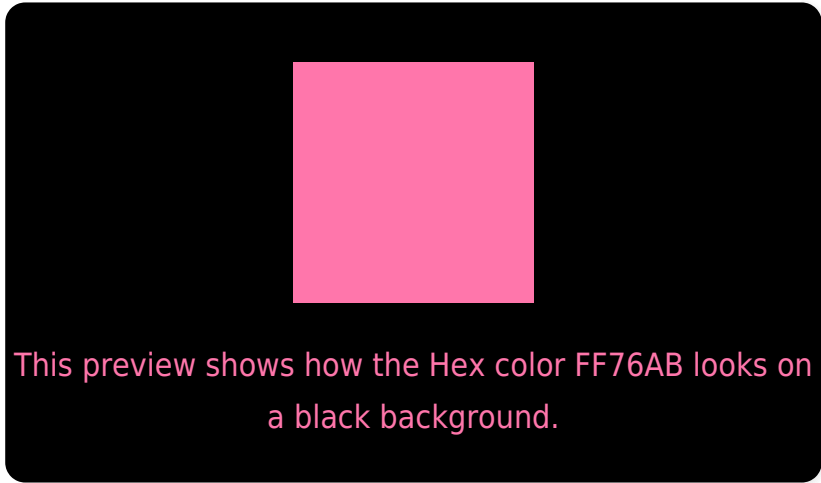
Large Text (above 18pt) WCAG AA × Fail

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 FF76AB Background



This preview shows how black text looks on a background with the Hex color FF76AB.

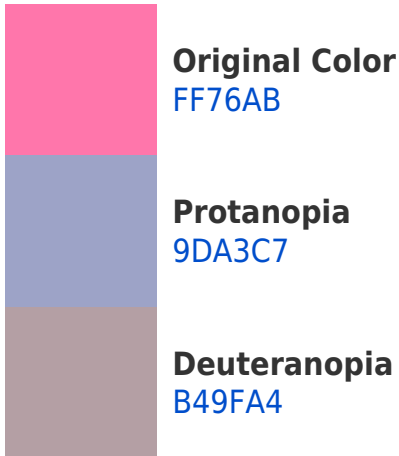


This preview shows how white text looks on a background with the Hex color FF76AB.

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
FF76AB



Protanomaly
C193BD



Deuteranomaly
CF90A7



Tritanomaly
FD7A93

Monochromacy



Original Color
FF76AB



Achromatopsia
A5A5A5



Achromatomaly
C694A7

CSS Examples

Text

The CSS property to change the color of the text to Hex FF76AB 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 #FF76AB looks like.

```
.text, #text, p{  
    color:#FF76AB  
}
```

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 #FF76AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF76AB
}
```

Border

The CSS property to change the border of an element to Hex FF76AB 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
#FF76AB }
```

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

```
.border{ border-color:#FF76AB }
```

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

Here you see how a box with a 4 pixel #FF76AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF76AB; -webkit-box-shadow:4px 4px  
4px 4px #FF76AB; box-shadow:4px 4px 4px  
4px #FF76AB }
```

Background

The CSS property to change the background color of an element to Hex FF76AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF76AB }
```

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

```
.background{ background-color:#FF76AB }
```

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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