

Converting Colors

Hex(FF76BD)

Have a look what the booklet for
Hex(FF76BD) contains.

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Color

Hex(F776BD)

Conversions

Conversions Part 1

Format	Color
Hex	FF76BD
RGB	255, 118, 189
RGB Percent	100%, 46%, 74%
CMY	0.0000, 0.5373, 0.2588
CMYK	0.00, 0.54, 0.26, 0.00
HSL	329°, 100%, 73%
HSV	329°, 54%, 100%
XYZ	56.9037, 37.8910, 52.4586
YIQ	167.0570, 58.8610, 51.1250

Conversions

Conversions Part 2

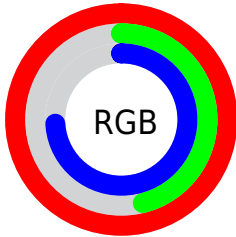
Format	Color
R _Y B	255, 118, 189
Decimal	16742077
CIE Lab	67.94, 59.60, -12.06
CIE LCh	68, 60.807, 348.556
Yxy	37.8910, 0.3864, 0.2573
Android (android.graphics.Color)	4294932157 (0xFFFF76BD)
YUV	167.0570, 10.8179, 77.1260
Hunter-Lab	61.5557, 57.2879, -7.4389

Details

The Hex color **FF76BD** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76FFB8**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **FFAEF5**, and **C33D88** is the 20% darker color. If you saturate the color by 10%, you get **FF5DB1**, and if you desaturate by 10%, it is **FF90C9**.

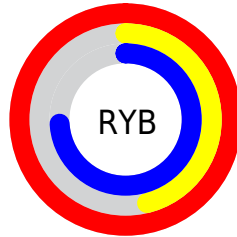
Distribution



Red (100%)

Green (46%)

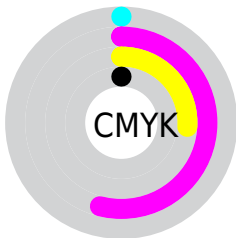
Blue (74%)



Red (100%)

Yellow (46%)

Blue (74%)

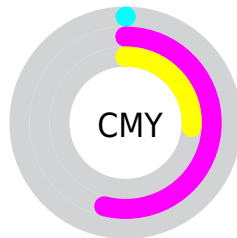


Cyan (0%)

Magenta (54%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF76BD 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 FF76BD by changing the saturation by 10% instead.

 FF76BD

 FF76BD

FFFFFF

 E15AA2

 FFAEF5

 C33D88

 FFCBFF

 A61C6E

 FFE8FF

 890056

 6D003F

 510029

 380014

 120000

 000000

 FF76BD

 FF76BD

 FF5DB1

 FF90C9

 FF43A4

 FFA9D6

 FF2A98

 FFC3E2

 FF108C

 FFDCEE

 FF0084

 FFF6FA

FFFFFF

Harmonies

Analogous

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



D389EF



FF76BD



FF7586

Triad

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



FF76BD



A2AD34



00BCF7

Complementary

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



FF76BD



76FFB8

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.



00C0C7



FF76BD



61B959

Square

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



FF76BD



D59B33



00BF8E



00B2FF

Rectangle

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



FF76BD



FF7F64



00BF8E



00BEE9

Sweetspot

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



FF76BD



FFD6EB



B676FF



806774



000000



808080

Same Dimension

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



FF76BD



FF5CB0



FF767B



807379



BF0063



400021

Inverse Universe

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



FF76BD



FF5CB0



76FFFA



807379



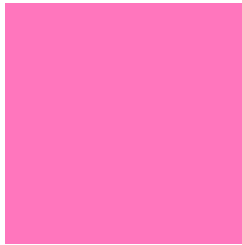
BF0063



400021

Previews

White Background



This preview shows how the Hex color FF76BD looks on a white background.

Color Contrast Check

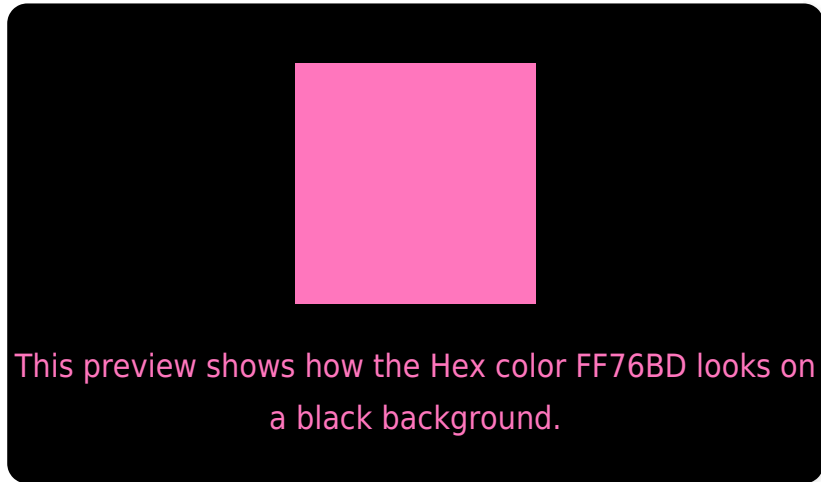
Large Text (above 18pt) WCAG AA × Fail

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 FF76BD Background



This preview shows how black text looks on a background with the Hex color FF76BD.

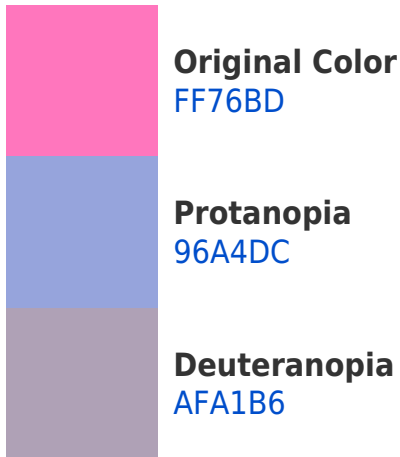



This preview shows how white text looks on a background with the Hex color FF76BD.

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
FA818A

Trichromacy



Original Color
FF76BD



Protanomaly
BC93D1



Deuteranomaly
CC91B9



Tritanomaly
FC7D9D

Monochromacy



Original Color
FF76BD



Achromatopsia
A7A7A7



Achromatomaly
C795AF

CSS Examples

Text

The CSS property to change the color of the text to Hex FF76BD 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 #FF76BD looks like.

```
.text, #text, p{  
    color:#FF76BD  
}
```

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 #FF76BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF76BD
}
```

Border

The CSS property to change the border of an element to Hex FF76BD 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
#FF76BD }
```

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

```
.border{ border-color:#FF76BD }
```

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

Here you see how a box with a 4 pixel #FF76BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF76BD; -webkit-box-shadow:4px 4px  
4px 4px #FF76BD; box-shadow:4px 4px 4px  
4px #FF76BD }
```

Background

The CSS property to change the background color of an element to Hex FF76BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF76BD }
```

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

```
.background{ background-color:#FF76BD }
```

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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