

Converting Colors

Hex(FF76D5)

Have a look what the booklet for
Hex(FF76D5) contains.

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Color

Hex(F776D5)

Conversions

Conversions Part 1

Format	Color
Hex	FF76D5
RGB	255, 118, 213
RGB Percent	100%, 46%, 84%
CMY	0.0000, 0.5373, 0.1647
CMYK	0.00, 0.54, 0.16, 0.00
HSL	318°, 100%, 73%
HSV	318°, 54%, 100%
XYZ	59.7287, 39.0210, 67.3345
YIQ	169.7930, 51.1570, 58.5890

Conversions

Conversions Part 2

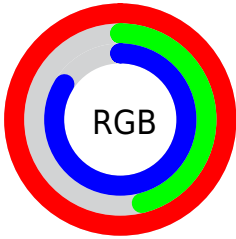
Format	Color
R _Y B	255, 118, 213
Decimal	16742101
CIE Lab	68.77, 62.90, -24.25
CIE LCh	69, 67.409, 338.920
Yxy	39.0210, 0.3596, 0.2349
Android (android.graphics.Color)	4294932181 (0xFFFF76D5)
YUV	169.7930, 21.3011, 74.7265
Hunter-Lab	62.4668, 61.3590, -20.1835

Details

The Hex color **FF76D5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76FFA0**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFAFFF**, and **C33C9E** is the 20% darker color. If you saturate the color by 10%, you get **FF5DCD**, and if you desaturate by 10%, it is **FF90DD**.

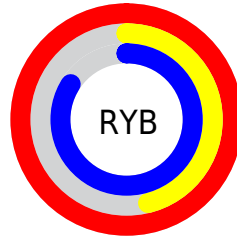
Distribution



Red (100%)

Green (46%)

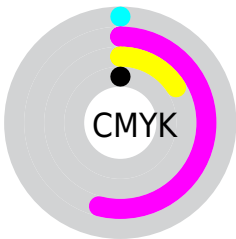
Blue (84%)



Red (100%)

Yellow (46%)

Blue (84%)

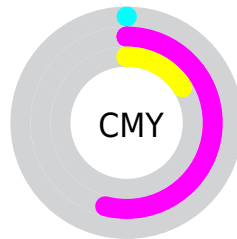


Cyan (0%)

Magenta (54%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (54%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Hex color FF76D5 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 FF76D5 by changing the saturation by 10% instead.

 FF76D5

 FF76D5

FFFFFF

 E15AB9

 FFAFFF

 C33C9E

 FFCCFF

 A61984

 FFE9FF

 8A006A

 6E0052

 52003B

 390025

 19000C

 000000

 FF76D5

 FF76D5

 FF5DCD

 FF90DD

 FF43C5

 FFA9E5

 FF2ABE

 FFC3EC

 FF10B6

 FFDCF4

 FF00B1

 FFF6FC

FFFFFF

Harmonies

Analogous

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



C290FF



FF76D5



FF6D98

Triad

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



FF76D5



B6AB1C



00C3F3

Complementary

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



FF76D5



76FFA0

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.



00C5B9



FF76D5



74BA41

Square

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



FF76D5



E9952F



00C279



00BAFF

Rectangle

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



FF76D5



FF7570



00C279



00C4E1

Sweetspot

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



FF76D5



FFD6F2



9F76FF



806778



000000



808080

Same Dimension

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



FF76D5



FF5CCD



FF7691



80737C



BF0085



40002C

Inverse Universe

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



FF76D5



FF5CCD



76FFE4



80737C



BF0085



40002C

Previews

White Background



This preview shows how the Hex color FF76D5 looks on a white background.

Color Contrast Check

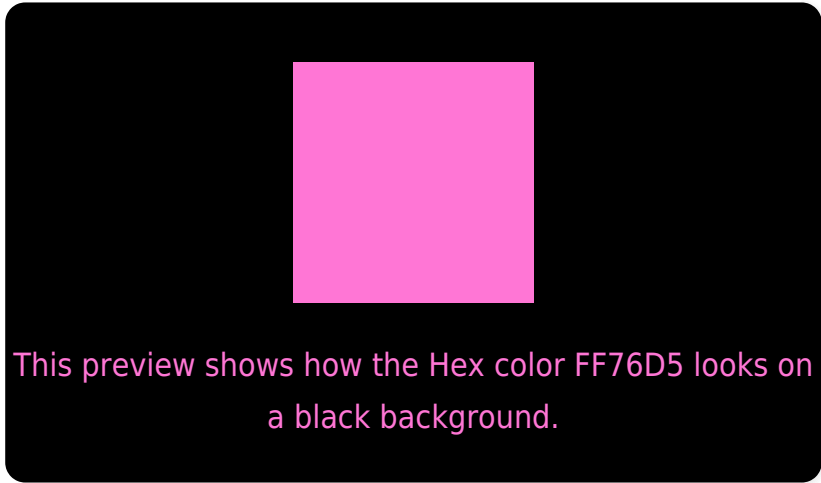
Large Text (above 18pt) WCAG AA × Fail

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 FF76D5 Background



This preview shows how black text looks on a background with the Hex color FF76D5.

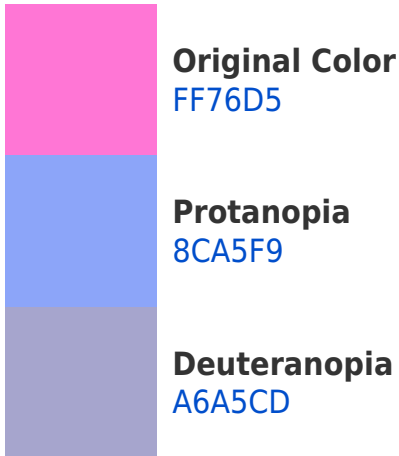



This preview shows how white text looks on a background with the Hex color FF76D5.

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
F8868F

Trichromacy



Original Color
FF76D5



Protanomaly
B694EC



Deuteranomaly
C694D0



Tritanomaly
FB80A8

Monochromacy



Original Color
FF76D5



Achromatopsia
AAAAAA



Achromatomaly
C997BA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF76D5 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 #FF76D5 looks like.

```
.text, #text, p{  
    color:#FF76D5  
}
```

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 #FF76D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF76D5
}
```

Border

The CSS property to change the border of an element to Hex FF76D5 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
#FF76D5 }
```

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

```
.border{ border-color:#FF76D5 }
```

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

Here you see how a box with a 4 pixel #FF76D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF76D5; -webkit-box-shadow:4px 4px  
4px 4px #FF76D5; box-shadow:4px 4px 4px  
4px #FF76D5 }
```

Background

The CSS property to change the background color of an element to Hex FF76D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF76D5 }
```

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

```
.background{ background-color:#FF76D5 }
```

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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