

Converting Colors

Hex(FF7CD5)

Have a look what the booklet for
Hex(FF7CD5) contains.

Hex(FF7CD5)	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(F77CD5)

Conversions

Conversions Part 1

Format	Color
Hex	FF7CD5
RGB	255, 124, 213
RGB Percent	100%, 49%, 84%
CMY	0.0000, 0.5137, 0.1647
CMYK	0.00, 0.51, 0.16, 0.00
HSL	319°, 100%, 74%
HSV	319°, 51%, 100%
XYZ	60.4579, 40.4794, 67.5776
YIQ	173.3150, 49.5070, 55.4510

Conversions

Conversions Part 2

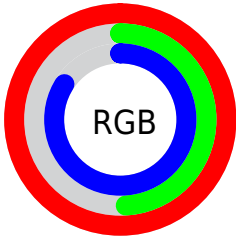
Format	Color
R _Y B	255, 124, 213
Decimal	16743637
CIE Lab	69.81, 60.14, -22.65
CIE LCh	70, 64.262, 339.360
Yxy	40.4794, 0.3588, 0.2402
Android (android.graphics.Color)	4294933717 (0xFFFF7CD5)
YUV	173.3150, 19.5647, 71.6377
Hunter-Lab	63.6234, 58.2779, -18.4385

Details

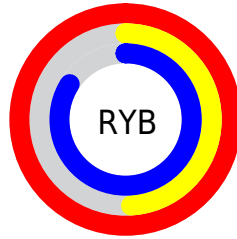
The Hex color **FF7CD5** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **7CFFA6**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFB4FF**, and **C4449E** is the 20% darker color. If you saturate the color by 10%, you get **FF63CD**, and if you desaturate by 10%, it is **FF96DD**.

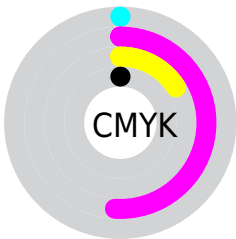
Distribution



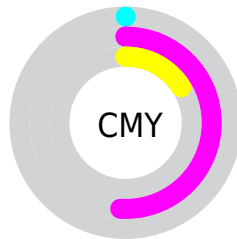
- Red (100%)
- Green (49%)
- Blue (84%)



- Red (100%)
- Yellow (49%)
- Blue (84%)



- Cyan (0%)
- Magenta (51%)
- Yellow (16%)
- Black (0%)



- Cyan (0%)
- Magenta (51%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF7CD5 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 FF7CD5 by changing the saturation by 10% instead.

 FF7CD5

 FF7CD5

FFFFFF

 E160B9

 FFB4FF

 C4449E

 FFD1FF

 A72584

 FFEFFF

 8A006B

 6E0052

 53003B

 3B0025

 1B000D

 000000

 FF7CD5

 FF7CD5

 FF63CD

 FF96DD

 FF49C5

 FFAFE5

 FF30BC

 FFC9EE

 FF16B4

 FFE2F6

 FF00AD

 FFFCFE

FFFFFF

Harmonies

Analogous

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



C593FF



FF7CD5



FF749B

Triad

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



FF7CD5



B8AE2B



00C5F3

Complementary

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



FF7CD5



7CFFA6

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.



00C7BC



FF7CD5



79BC4A

Square

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



FF7CD5



EA9939



00C47F



00BCFF

Rectangle

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



FF7CD5



FF7B75



00C47F



00C6E2

Sweetspot

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



FF7CD5



FFD9F3



A57CFF



806978



000000



808080

Same Dimension

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



FF7CD5



FF61CC



FF7C94



80737B



BF0082



40002B

Inverse Universe

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



FF7CD5



FF61CC



7CFFE7



80737B



BF0082



40002B

Previews

White Background



This preview shows how the Hex color FF7CD5 looks on a white background.

Color Contrast Check

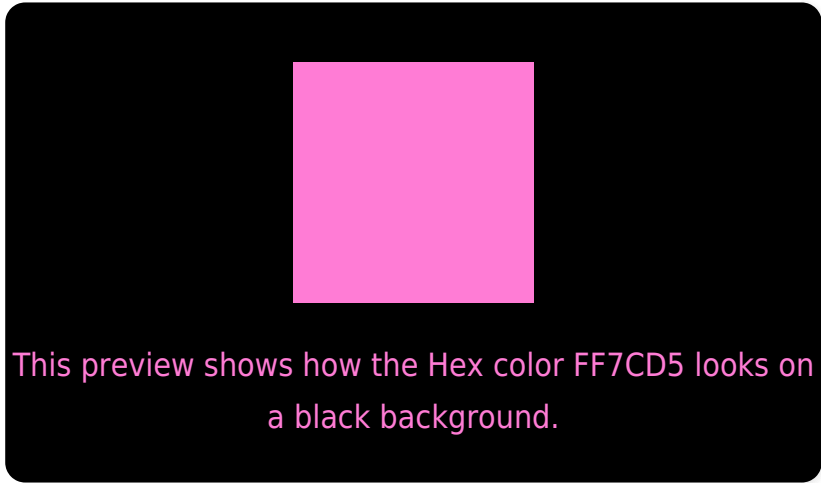
Large Text (above 18pt) WCAG AA × Fail

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 FF7CD5 Background



This preview shows how black text looks on a background with the Hex color FF7CD5.

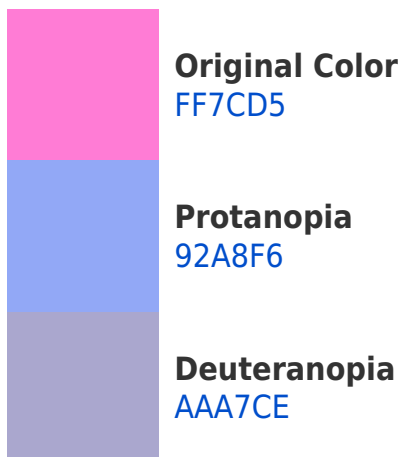


This preview shows how white text looks on a background with the Hex color FF7CD5.

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
F88A94

Trichromacy



Original Color
FF7CD5



Protanomaly
BA98EA



Deuteranomaly
C997D1



Tritanomaly
FB85AC

Monochromacy



Original Color
FF7CD5



Achromatopsia
ADADAD



Achromatomaly
CB9BBC

CSS Examples

Text

The CSS property to change the color of the text to Hex FF7CD5 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 #FF7CD5 looks like.

```
.text, #text, p{  
    color:#FF7CD5  
}
```

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 #FF7CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF7CD5
}
```

Border

The CSS property to change the border of an element to Hex FF7CD5 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
#FF7CD5 }
```

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

```
.border{ border-color:#FF7CD5 }
```

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

Here you see how a box with a 4 pixel #FF7CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF7CD5; -webkit-box-shadow:4px 4px  
4px 4px #FF7CD5; box-shadow:4px 4px 4px  
4px #FF7CD5 }
```

Background

The CSS property to change the background color of an element to Hex FF7CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF7CD5 }
```

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

```
.background{ background-color:#FF7CD5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor