

Converting Colors

Hex(FF70D0)

Have a look what the booklet for
Hex(FF70D0) contains.

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Color

Hex(F770D0)

Conversions

Conversions Part 1

Format	Color
Hex	FF70D0
RGB	255, 112, 208
RGB Percent	100%, 44%, 82%
CMY	0.0000, 0.5608, 0.1843
CMYK	0.00, 0.56, 0.18, 0.00
HSL	320°, 100%, 72%
HSV	320°, 56%, 100%
XYZ	58.4193, 37.4024, 63.8149
YIQ	165.7010, 54.4120, 60.1720

Conversions

Conversions Part 2

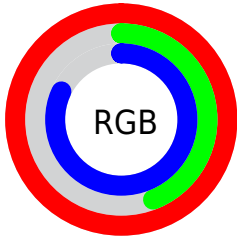
Format	Color
RYB	255, 112, 208
Decimal	16740560
CIELab	67.58, 64.87, -23.27
CIElCh	68, 68.917, 340.264
Yxy	37.4024, 0.3660, 0.2343
Android (android.graphics.Color)	4294930640 (0xFFFF70D0)
YUV	165.7010, 20.8534, 78.3152
Hunter-Lab	61.1575, 63.4825, -19.0559

Details

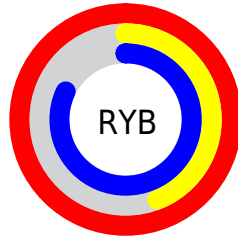
The Hex color **FF70D0** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70FF9F**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFA9FF**, and **C33599** is the 20% darker color. If you saturate the color by 10%, you get **FF57C8**, and if you desaturate by 10%, it is **FF8AD8**.

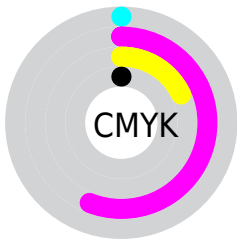
Distribution



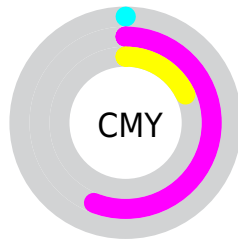
- Red (100%)
- Green (44%)
- Blue (82%)



- Red (100%)
- Yellow (44%)
- Blue (82%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF70D0 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 FF70D0 by changing the saturation by 10% instead.

 FF70D0

 FF70D0

FFFFFF

 E153B4

 FFA9FF

 C33599

 FFC6FF

 A6097F

 FFE3FF

 890066

 6D004E

 510037

 380021

 170005

 000000

 FF70D0

 FF70D0

 FF57C8

 FF8AD8

 FF3DBF

 FFA3E1

 FF23B7

 FFBDE9

 FF0AAE

 FFD6F2

 FF00AB

 FFF0FA

FFFFFF

Harmonies

Analogous

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



C38AFF



FF70D0



FF6792

Triad

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



FF70D0



B0A811



00C0F4

Complementary

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



FF70D0



70FF9F

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.



00C2B9



FF70D0



6BB73D

Square

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



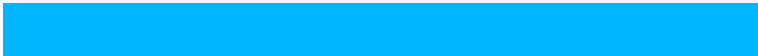
FF70D0



E59226



00BF78



00B7FF

Rectangle

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



FF70D0



FF716A



00BF78



00C1E2

Sweetspot

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



FF70D0



FFD4F1



9D70FF



806677



000000



808080

Same Dimension

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



FF70D0



FF54C7



FF708A



80737B



BF0080



40002B

Inverse Universe

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



FF70D0



FF54C7



70FFE5



80737B



BF0080



40002B

Previews

White Background



This preview shows how the Hex color FF70D0 looks on a white background.

Color Contrast Check

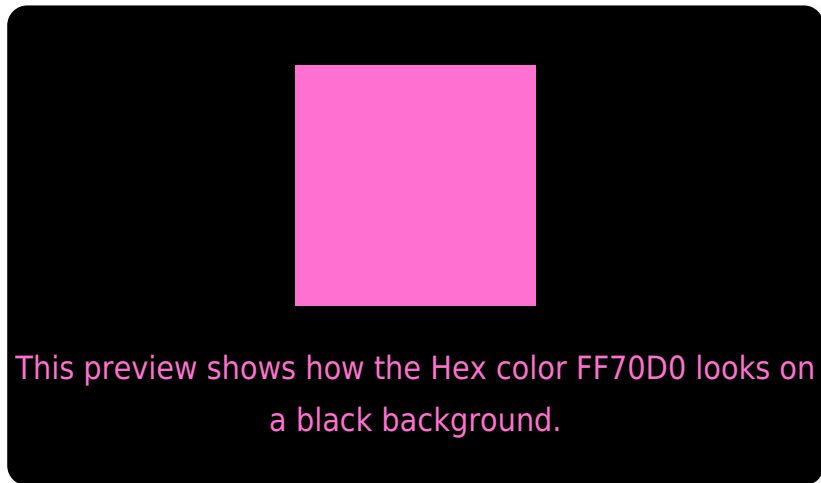
Large Text (above 18pt) WCAG AA × Fail

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 FF70D0 Background



This preview shows how black text looks on a background with the Hex color FF70D0.

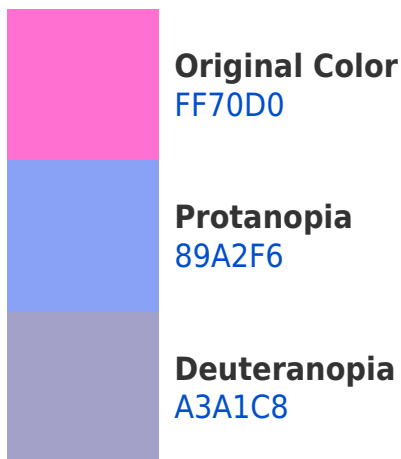


This preview shows how white text looks on a background with the Hex color FF70D0.

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
F88089

Trichromacy



Original Color
FF70D0



Protanomaly
B490E8



Deuteranomaly
C48FCB



Tritanomaly
FB7AA3

Monochromacy



Original Color
FF70D0



Achromatopsia
A6A6A6



Achromatomaly
C692B5

CSS Examples

Text

The CSS property to change the color of the text to Hex FF70D0 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 #FF70D0 looks like.

```
.text, #text, p{  
    color:#FF70D0  
}
```

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 #FF70D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF70D0
}
```

Border

The CSS property to change the border of an element to Hex FF70D0 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
#FF70D0 }
```

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

```
.border{ border-color:#FF70D0 }
```

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

Here you see how a box with a 4 pixel #FF70D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF70D0; -webkit-box-shadow:4px 4px  
4px 4px #FF70D0; box-shadow:4px 4px 4px  
4px #FF70D0 }
```

Background

The CSS property to change the background color of an element to Hex FF70D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF70D0 }
```

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

```
.background{ background-color:#FF70D0 }
```

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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