

# Converting Colors

Hex(FA70D8)

Have a look what the booklet for  
Hex(FA70D8) contains.

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# **Color**

**Hex(FA70D8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FA70D8
RGB	250, 112, 216
RGB Percent	98%, 44%, 85%
CMY	0.0196, 0.5608, 0.1529
CMYK	0.00, 0.55, 0.14, 0.02
HSL	315°, 93%, 71%
HSV	315°, 55%, 98%
XYZ	57.6132, 36.8702, 69.0459
YIQ	165.1180, 48.8640, 61.6000

# Conversions

## Conversions Part 2

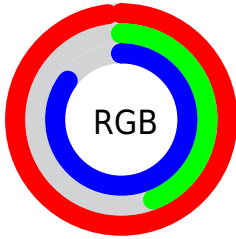
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	250, 112, 216
Decimal	16412888
CIE <sub>Lab</sub>	67.18, 64.62, -28.41
CIE <sub>LCh</sub>	67, 70.592, 336.265
Yxy	36.8702, 0.3523, 0.2255
Android (android.graphics.Color)	4294602968 (0xFFFA70D8)
YUV	165.1180, 25.0848, 74.4415
Hunter-Lab	60.7208, 63.1030, -24.9143

# Details

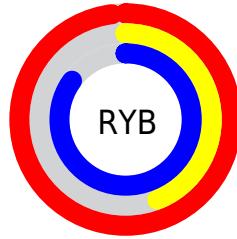
The Hex color **FA70D8** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70FA92**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFA9FF**, and **BF35A1** is the 20% darker color. If you saturate the color by 10%, you get **FA57D2**, and if you desaturate by 10%, it is **FA89DE**.

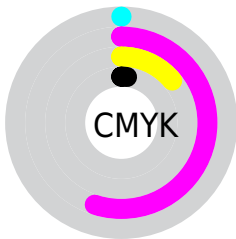
# Distribution



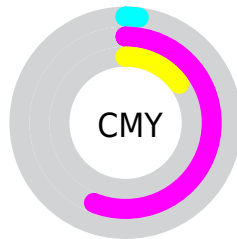
- Red (98%)
- Green (44%)
- Blue (85%)



- Red (98%)
- Yellow (44%)
- Blue (85%)



- Cyan (0%)
- Magenta (55%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (56%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA70D8 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 FA70D8 by changing the saturation by 10% instead.



 FA70D8

 FA70D8

FFFFFF

 DC53BC

 FFA9FF

 BF35A1

 FFC6FF

 A20C86

 FFE3FF

 85006D

 690054

 4E003D

 350027

 10000F

 000000

 FA70D8

 FA70D8

 FA57D2

 FA89DE

 FA3ECC

 FAA2E4

 FA25C6

 FABBEA

 FA0CBF

 FAD4F1

 FA00BC

 FAEDF7

 FAFFFD

 FAFFFF

# Harmonies

## Analogous

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



B68DFF



FA70D8



FF6399

# Triad

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



FA70D8



B6A500



00C0ED

# Complementary

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



FA70D8



70FA92

# 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.



00C1AF



FA70D8



73B532

# Square

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



FA70D8



EB8D26



00BE6D



00B8FF

# Rectangle

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



FA70D8



FF6B6F



00BE6D



00C1DA



# Sweetspot

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



FA70D8



FFD4F4



9070FA



806679



000000



808080



# Same Dimension

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



FA70D8



FF57D6



FA7095



7D707A



BD008E



3D002E



# Inverse Universe

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



FA70D8



FF57D6



70FAD5



7D707A



BD008E

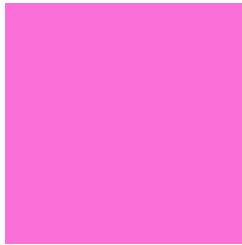


3D002E



# Previews

## White Background



This preview shows how the Hex color FA70D8 looks on a white background.

## Color Contrast Check

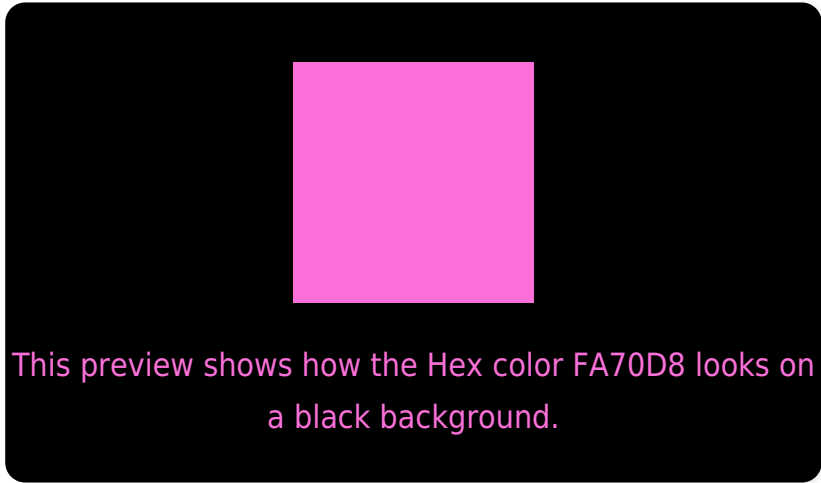
Large Text (above 18pt) WCAG AA × Fail

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 FA70D8 Background



This preview shows how black text looks on a background with the Hex color FA70D8.

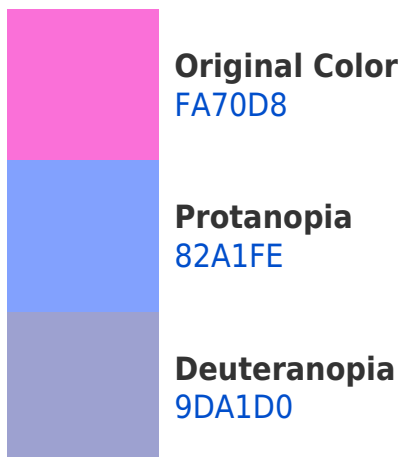



This preview shows how white text looks on a background with the Hex color FA70D8.

# 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



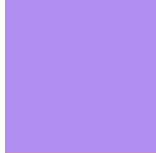


**Tritanopia**  
F2828C

# Trichromacy



**Original Color**  
FA70D8



**Protanomaly**  
AE8FF0



**Deuteranomaly**  
BF8FD3



**Tritanomaly**  
F57BA8

# Monochromacy



**Original Color**  
FA70D8



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C492B8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA70D8 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 #FA70D8 looks like.

```
.text, #text, p{  
    color:#FA70D8  
}
```

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 #FA70D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA70D8
}
```

## Border

The CSS property to change the border of an element to Hex FA70D8 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
#FA70D8 }
```

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

```
.border{ border-color:#FA70D8 }
```

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

Here you see how a box with a 4 pixel #FA70D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA70D8; -webkit-box-shadow:4px 4px  
4px 4px #FA70D8; box-shadow:4px 4px 4px  
4px #FA70D8 }
```

# Background

The CSS property to change the background color of an element to Hex FA70D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA70D8 }
```

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

```
.background{ background-color:#FA70D8 }
```

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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