

# Converting Colors

Hex(F270BA)

Have a look what the booklet for  
Hex(F270BA) contains.

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# **Color**

**Hex(F270BA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F270BA
RGB	242, 112, 186
RGB Percent	95%, 44%, 73%
CMY	0.0510, 0.5608, 0.2706
CMYK	0.00, 0.54, 0.23, 0.05
HSL	326°, 83%, 69%
HSV	326°, 54%, 95%
XYZ	51.2750, 34.0108, 50.3166
YIQ	159.3060, 53.7260, 50.5740

# Conversions

## Conversions Part 2

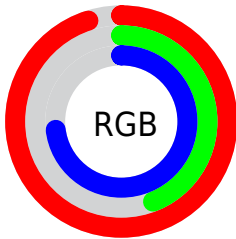
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 112, 186
Decimal	15888570
CIE Lab	64.97, 58.02, -15.02
CIE LCh	65, 59.929, 345.485
Yxy	34.0108, 0.3781, 0.2508
Android (android.graphics.Color)	4294078650 (0xFFFF270BA)
YUV	159.3060, 13.1601, 72.5226
Hunter-Lab	58.3187, 54.8831, -10.3315

# Details

The Hex color **F270BA** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70F2A8**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **FFA8F2**, and **B73885** is the 20% darker color. If you saturate the color by 10%, you get **F258B0**, and if you desaturate by 10%, it is **F288C4**.

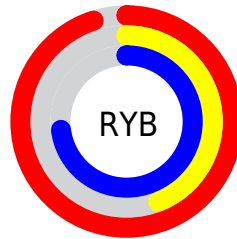
# Distribution



Red (95%)

Green (44%)

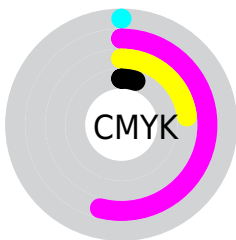
Blue (73%)



Red (95%)

Yellow (44%)

Blue (73%)

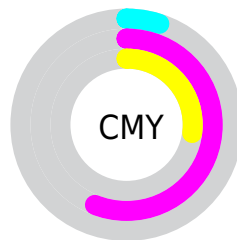


Cyan (0%)

Magenta (54%)

Yellow (23%)

Black (5%)



Cyan (5%)

Magenta (56%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color F270BA 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 F270BA by changing the saturation by 10% instead.



 F270BA

 F270BA

FFFFFF

 D4549F

 FFA8F2

 B73885

 FFC5FF

 9A156C

 FFE2FF

 7E0053

 62003C

 470026

 2D0010

 000000

 F270BA

 F270BA

 F258B0

 F288C4

 F240A5

 F2A0CF

 F2279B

 F2B9D9

 F20F90

 F2D1E4

 F2008A

 F2E9EE

 F2FFF9

 F2FFFF

# Harmonies

## Analogous

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



C484E9



F270BA



FF6D84

# Triad

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



F270BA



A0A42C



00B4E9

# Complementary

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



F270BA



70F2A8

# 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.



00B8B9



F270BA



62B04E

# Square

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



F270BA



D09230



00B681



00ABFF

# Rectangle

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



F270BA



F97662



00B681



00B6DB



# Sweetspot

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



F270BA



FFD6ED



A670F2



806775



000000



808080



# Same Dimension

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



F270BA



FF5CB9



F2707B



786C73



B80069



380020



# Inverse Universe

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



F270BA



FF5CB9



70F2E7



786C73



B80069



380020



# Previews

## White Background



This preview shows how the Hex color F270BA looks on a white background.

## Color Contrast Check

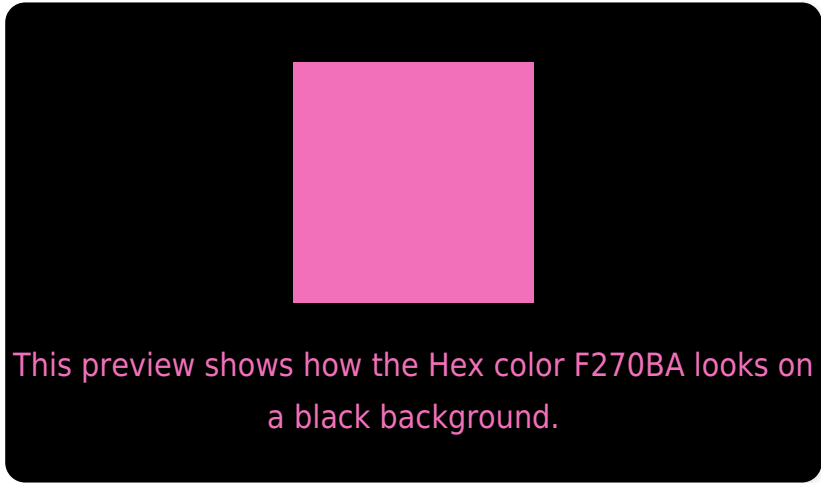
Large Text (above 18pt) WCAG AA × Fail

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 F270BA Background



This preview shows how black text looks on a background with the Hex color F270BA.

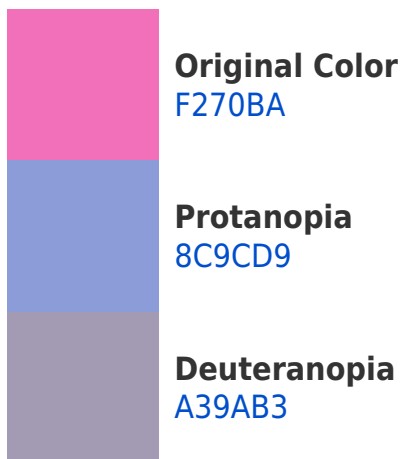


This preview shows how white text looks on a background with the Hex color F270BA.

# 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**  
ED7C84

# Trichromacy



**Original Color**  
F270BA



**Protanomaly**  
B18CCE



**Deuteranomaly**  
C08BB6

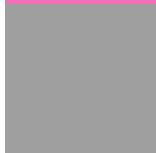


**Tritanomaly**  
EF7898

# Monochromacy



**Original Color**  
F270BA



**Achromatopsia**  
9F9F9F



**Achromatomaly**  
BD8EA9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex F270BA 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 #F270BA looks like.

```
.text, #text, p{  
    color:#F270BA  
}
```

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 #F270BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F270BA
}
```

## Border

The CSS property to change the border of an element to Hex F270BA 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
#F270BA }
```

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

```
.border{ border-color:#F270BA }
```

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

Here you see how a box with a 4 pixel #F270BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F270BA; -webkit-box-shadow:4px 4px  
4px 4px #F270BA; box-shadow:4px 4px 4px  
4px #F270BA }
```

# Background

The CSS property to change the background color of an element to Hex F270BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F270BA }
```

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

```
.background{ background-color:#F270BA }
```

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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