

# Converting Colors

Hex(FF72BF)

Have a look what the booklet for  
Hex(FF72BF) contains.

<b>Hex(FF72BF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(F772BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF72BF
RGB	255, 114, 191
RGB Percent	100%, 45%, 75%
CMY	0.0000, 0.5529, 0.2510
CMYK	0.00, 0.55, 0.25, 0.00
HSL	327°, 100%, 72%
HSV	327°, 55%, 100%
XYZ	56.6613, 37.0562, 53.4564
YIQ	164.9370, 59.3190, 53.8390

# Conversions

## Conversions Part 2

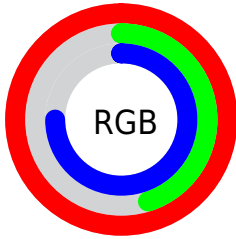
Format	Color
<a href="#">RYB</a>	<a href="#">255, 114, 191</a>
Decimal	<a href="#">16741055</a>
CIELab	<a href="#">67.32, 61.68, -14.12</a>
CIElCh	<a href="#">67, 63.272, 347.102</a>
Yxy	<a href="#">37.0562, 0.3850, 0.2518</a>
Android (android.graphics.Color)	<a href="#">4294931135 (0xFFFF72BF)</a>
YUV	<a href="#">164.9370, 12.8491, 78.9853</a>
Hunter-Lab	<a href="#">60.8738, 59.6184, -9.4539</a>

# Details

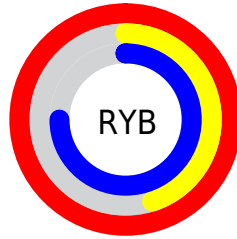
The Hex color **FF72BF** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **72FFB2**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **FFABF7**, and **C3388A** is the 20% darker color. If you saturate the color by 10%, you get **FF59B3**, and if you desaturate by 10%, it is **FF8CCB**.

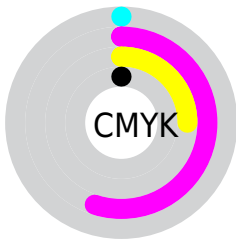
# Distribution



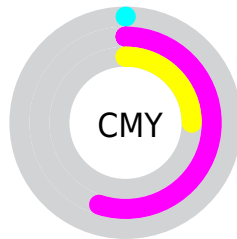
- Red (100%)
- Green (45%)
- Blue (75%)



- Red (100%)
- Yellow (45%)
- Blue (75%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FF72BF 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 FF72BF by changing the saturation by 10% instead.



 FF72BF

 FF72BF

FFFFFF

 E156A4

 FFABF7

 C3388A

 FFC7FF

 A61370

 FFE5FF

 890058

 6D0040

 51002A

 370015

 110000

 000000

 FF72BF

 FF72BF

 FF59B3

 FF8CCB

 FF3FA8

 FFA5D6

 FF259C

 FFBFE2

 FF0C91

 FFD8ED

 FF008B

 FFF2F9

FFFFFF

# Harmonies

## Analogous

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



D087F2



FF72BF



FF7086

# Triad

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



FF72BF



A3AB2B



00BCF6

# Complementary

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



FF72BF



72FFB2

# 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.



00BFC4



FF72BF



5FB752

# Square

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



FF72BF



D6982C



00BE89



00B1FF

# Rectangle

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



FF72BF



FF7A62



00BE89



00BEE7



# Sweetspot

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



FF72BF



FFD4EB



B172FF



806674



000000



808080



# Same Dimension

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



FF72BF



FF57B3



FF7279



80737A



BF0068



400023



# Inverse Universe

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



FF72BF



FF57B3



72FFF8



80737A



BF0068



400023



# Previews

## White Background



This preview shows how the Hex color FF72BF looks on a white background.

## Color Contrast Check

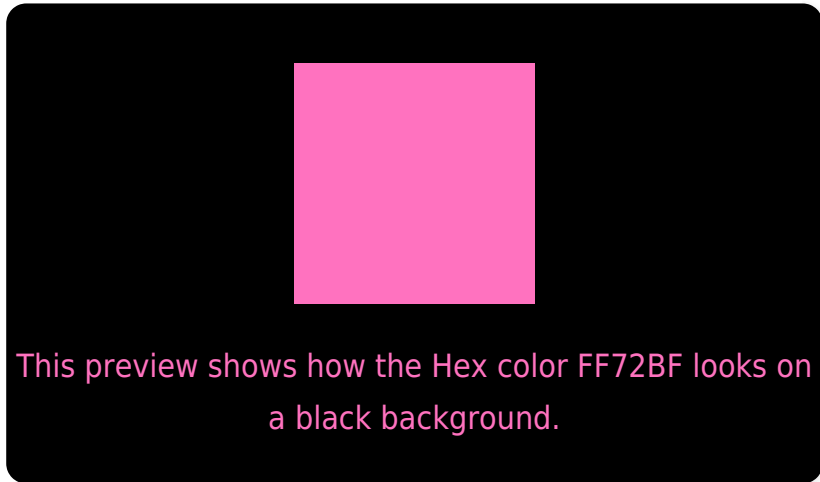
Large Text (above 18pt) WCAG AA × Fail

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 FF72BF Background



This preview shows how black text looks on a background with the Hex color FF72BF.



This preview shows how white text looks on a background with the Hex color FF72BF.

# 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**  
FA7E87

# Trichromacy



**Original Color**  
FF72BF



**Protanomaly**  
BA91D5



**Deuteranomaly**  
CA8FBB



**Tritanomaly**  
FC7A9B

# Monochromacy



**Original Color**  
FF72BF



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
C692AE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FF72BF 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 #FF72BF looks like.

```
.text, #text, p{  
    color:#FF72BF  
}
```

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 #FF72BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF72BF
}
```

## Border

The CSS property to change the border of an element to Hex FF72BF 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
#FF72BF }
```

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

```
.border{ border-color:#FF72BF }
```

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

Here you see how a box with a 4 pixel #FF72BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF72BF; -webkit-box-shadow:4px 4px  
4px 4px #FF72BF; box-shadow:4px 4px 4px  
4px #FF72BF }
```

# Background

The CSS property to change the background color of an element to Hex FF72BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF72BF }
```

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

```
.background{ background-color:#FF72BF }
```

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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