

Converting Colors

Hex(FF72B5)

Have a look what the booklet for
Hex(FF72B5) contains.

Hex(FF72B5)	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(F772B5)

Conversions

Conversions Part 1

Format	Color
Hex	FF72B5
RGB	255, 114, 181
RGB Percent	100%, 45%, 71%
CMY	0.0000, 0.5529, 0.2902
CMYK	0.00, 0.55, 0.29, 0.00
HSL	331°, 100%, 72%
HSV	331°, 55%, 100%
XYZ	55.5978, 36.6308, 47.8562
YIQ	163.7970, 62.5290, 50.7290

Conversions

Conversions Part 2

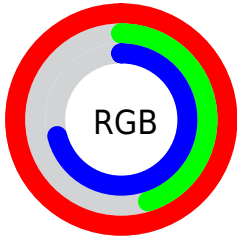
Format	Color
R _Y B	255, 114, 181
Decimal	16741045
CIE Lab	67.00, 60.41, -8.96
CIE LCh	67, 61.067, 351.562
Yxy	36.6308, 0.3969, 0.2615
Android (android.graphics.Color)	4294931125 (0xFFFF72B5)
YUV	163.7970, 8.4811, 79.9850
Hunter-Lab	60.5234, 58.0571, -4.5145

Details

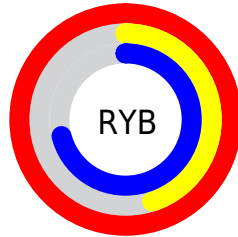
The Hex color **FF72B5** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **72FFBC**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **FFAAED**, and **C33880** is the 20% darker color. If you saturate the color by 10%, you get **FF59A8**, and if you desaturate by 10%, it is **FF8CC2**.

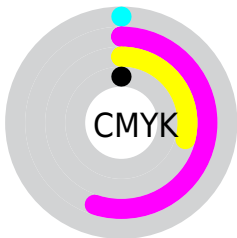
Distribution



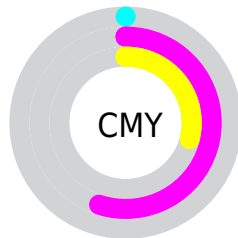
- Red (100%)
- Green (45%)
- Blue (71%)



- Red (100%)
- Yellow (45%)
- Blue (71%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF72B5 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 FF72B5 by changing the saturation by 10% instead.

 FF72B5

 FF72B5

FFFFFF

 E1569A

 FFAAED

 C33880

 FFC7FF

 A51467

 FFE5FF

 89004F

 6C0038

 500023

 37000B

 0B0000

 000000

 FF72B5

 FF72B5

 FF59A8

 FF8CC2

 FF3F9A

 FFA5D0

 FF258D

 FFBFDD

 FF0C7F

 FFD8EB

 FF0079

 FFF2F8

FFFFFF

Harmonies

Analogous

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



D784E8



FF72B5



FF737E

Triad

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



FF72B5



9AAC34



00B9F8

Complementary

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



FF72B5



72FFBC

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.



00BECA



FF72B5



55B75B

Square

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



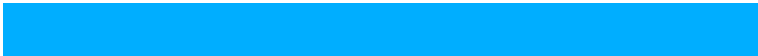
FF72B5



CD9B2E



00BD91



00AEFF

Rectangle

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



FF72B5



FD7E5D



00BD91



00BBEB

Sweetspot

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



FF72B5



FFD4E8



BB72FF



806672



000000



808080

Same Dimension

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



FF72B5



FF57A7



FF7472



807379



BF005B



40001E

Inverse Universe

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



FF72B5



FF57A7



72FDFF



807379



BF005B



40001E

Previews

White Background



This preview shows how the Hex color FF72B5 looks on a white background.

Color Contrast Check

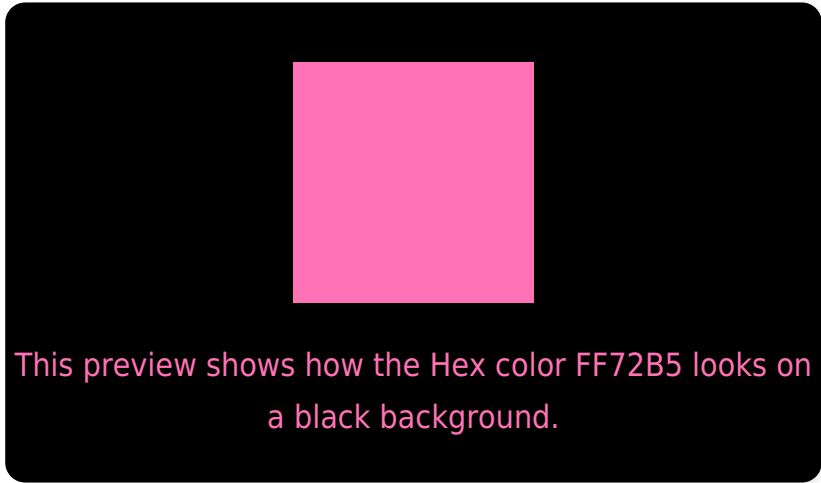
Large Text (above 18pt) WCAG AA × Fail

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 FF72B5 Background



This preview shows how black text looks on a background with the Hex color FF72B5.

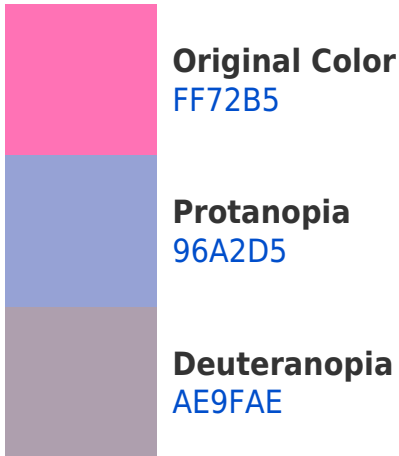


This preview shows how white text looks on a background with the Hex color FF72B5.

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
FB7C85

Trichromacy



Original Color
FF72B5



Protanomaly
BC91C9



Deuteranomaly
CB8FB1



Tritanomaly
FC7896

Monochromacy



Original Color
FF72B5



Achromatopsia
A4A4A4



Achromatomaly
C592AA

CSS Examples

Text

The CSS property to change the color of the text to Hex FF72B5 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 #FF72B5 looks like.

```
.text, #text, p{  
    color:#FF72B5  
}
```

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 #FF72B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF72B5
}
```

Border

The CSS property to change the border of an element to Hex FF72B5 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
#FF72B5 }
```

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

```
.border{ border-color:#FF72B5 }
```

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

Here you see how a box with a 4 pixel #FF72B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF72B5; -webkit-box-shadow:4px 4px  
4px 4px #FF72B5; box-shadow:4px 4px 4px  
4px #FF72B5 }
```

Background

The CSS property to change the background color of an element to Hex FF72B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF72B5 }
```

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

```
.background{ background-color:#FF72B5 }
```

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