

Converting Colors

Hex(F72CC8)

Have a look what the booklet for
Hex(F72CC8) contains.

Hex(F72CC8)	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(F72CC8)

Conversions

Conversions Part 1

Format	Color
Hex	F72CC8
RGB	247, 44, 200
RGB Percent	97%, 17%, 78%
CMY	0.0314, 0.8275, 0.2157
CMYK	0.00, 0.82, 0.19, 0.03
HSL	314°, 93%, 57%
HSV	314°, 82%, 97%
XYZ	49.6838, 25.7457, 56.9944
YIQ	122.4810, 70.9120, 91.5520

Conversions

Conversions Part 2

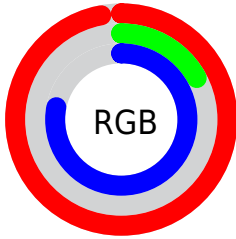
Format	Color
R _Y B	247, 44, 200
Decimal	16198856
CIE Lab	57.79, 84.69, -33.95
CIE LCh	58, 91.245, 338.156
Yxy	25.7457, 0.3752, 0.1944
Android (android.graphics.Color)	4294388936 (0xFF72CC8)
YUV	122.4810, 38.2169, 109.2032
Hunter-Lab	50.7402, 85.9884, -31.0799

Details

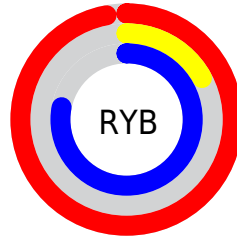
The Hex color **F72CC8** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2CF75B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **FF73FF**, and **BA0092** is the 20% darker color. If you saturate the color by 10%, you get **F713C2**, and if you desaturate by 10%, it is **F745CE**.

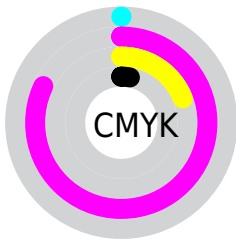
Distribution



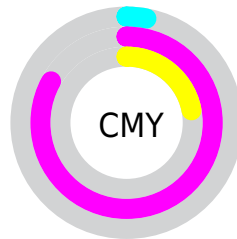
- Red (97%)
- Green (17%)
- Blue (78%)



- Red (97%)
- Yellow (17%)
- Blue (78%)



- Cyan (0%)
- Magenta (82%)
- Yellow (19%)
- Black (3%)



- Cyan (3%)
- Magenta (83%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color F72CC8 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 F72CC8 by changing the saturation by 10% instead.

 F72CC8

 F72CC8

FFFFFF

 D800AC

 FF73FF

 BA0092

 FF92FF

 9C0078

 FFB1FF

 7E005E

 FFCFFF

 610046

 FFEEFF

 46002F

 280019

 000000

 F72CC8

 F72CC8

 F713C2

 F745CE

 F700BE

 F75DD3

 F776D9

 F78FDF

 F7A7E5

 F7C0EA

 F7D9F0

 F7F2F6

 F7FFFB

Harmonies

Analogous

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



A269FF



F72CC8



FF0079

Triad

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



F72CC8



958F00



00ABED

Complementary

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



F72CC8



2CF75B

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.



00AC9F



F72CC8



34A000

Square

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



F72CC8



D67000



00A84B



00A3FF

Rectangle

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



F72CC8



FF2745



00A84B



00ACD5

Sweetspot

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



F72CC8



FFBFF0



582CF7



805977



000000



808080

Same Dimension

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



F72CC8



FF03C5



F72C66



7A6E78



BA008F



3B002D

Inverse Universe

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



F72CC8



FF03C5



2CF7BD



7A6E78



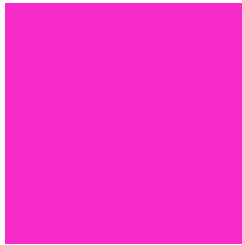
BA008F



3B002D

Previews

White Background



This preview shows how the Hex color F72CC8 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex F72CC8 Background



This preview shows how black text looks on a background with the Hex color F72CC8.



This preview shows how white text looks on a background with the Hex color F72CC8.

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



Trichromacy



Original Color
F72CC8



Protanomaly
8B66EB



Deuteranomaly
A967C0



Tritanomaly
F14783

Monochromacy



Original Color
F72CC8



Achromatopsia
7A7A7A



Achromatomaly
A75E96

CSS Examples

Text

The CSS property to change the color of the text to Hex F72CC8 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 #F72CC8 looks like.

```
.text, #text, p{  
    color:#F72CC8  
}
```

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 #F72CC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F72CC8
}
```

Border

The CSS property to change the border of an element to Hex F72CC8 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
#F72CC8 }
```

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

```
.border{ border-color:#F72CC8 }
```

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

Here you see how a box with a 4 pixel #F72CC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F72CC8; -webkit-box-shadow:4px 4px  
4px 4px #F72CC8; box-shadow:4px 4px 4px  
4px #F72CC8 }
```

Background

The CSS property to change the background color of an element to Hex F72CC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F72CC8 }
```

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

```
.background{ background-color:#F72CC8 }
```

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