

Converting Colors

Hex(F427CA)

Have a look what the booklet for
Hex(F427CA) contains.

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Color

Hex(F427CA)

Conversions

Conversions Part 1

Format	Color
Hex	F427CA
RGB	244, 39, 202
RGB Percent	96%, 15%, 79%
CMY	0.0431, 0.8471, 0.2078
CMYK	0.00, 0.84, 0.17, 0.04
HSL	312°, 90%, 55%
HSV	312°, 84%, 96%
XYZ	48.6944, 24.9484, 58.1262
YIQ	118.8770, 69.8570, 94.1530

Conversions

Conversions Part 2

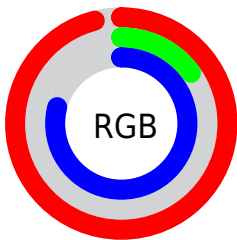
Format	Color
RYB	244, 39, 202
Decimal	16000970
CIELab	57.03, 85.32, -36.34
CIELCh	57, 92.736, 336.931
Yxy	24.9484, 0.3695, 0.1893
Android (android.graphics.Color)	4294191050 (0xFFFF427CA)
YUV	118.8770, 40.9796, 109.7329
Hunter-Lab	49.9484, 86.6091, -34.0334

Details

The Hex color **F427CA** 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 **27F451**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **FF70FF**, and **B70093** is the 20% darker color. If you saturate the color by 10%, you get **F40FC5**, and if you desaturate by 10%, it is **F43FCF**.

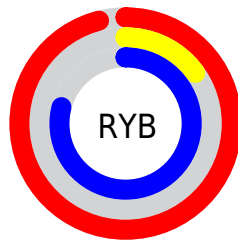
Distribution



Red (96%)

Green (15%)

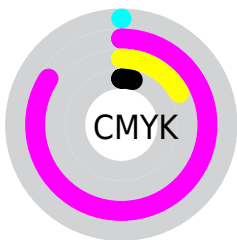
Blue (79%)



Red (96%)

Yellow (15%)

Blue (79%)

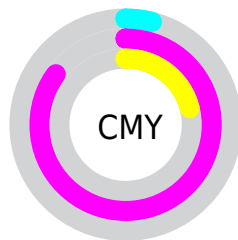


Cyan (0%)

Magenta (84%)

Yellow (17%)

Black (4%)



Cyan (4%)

Magenta (85%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color F427CA 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 F427CA by changing the saturation by 10% instead.

 F427CA

 F427CA

FFFFFF

 D500AE

 FF70FF

 B70093

 FF8FFF

 990079

 FFAEFF

 7C0060

 FFCCFF

 5E0048

 FFE8FF

 430031

 25001B

 000000

 F427CA

 F427CA

 F40FC5

 F43FCF

 F400C2

 F458D4

 F470D9

 F489DE

 F4A1E3

 F4B9E8

 F4D2ED

 F4EAF2

 F4FFF7

Harmonies

Analogous

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



9B68FF



F427CA



FF007A

Triad

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



F427CA



968C00



00A9E9

Complementary

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



F427CA



27F451

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.



00AA9A



F427CA



359E00

Square

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



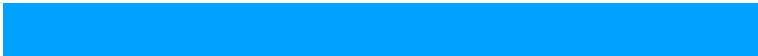
F427CA



D76C00



00A644



00A2FF

Rectangle

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



F427CA



FF1746



00A644



00AAD1

Sweetspot

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



F427CA



FFBFF2



5027F4



805978



000000



808080

Same Dimension

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



F427CA



FF00CB



F42765



7A6E78



BA0094



3B002F

Inverse Universe

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



F427CA



FF00CB



27F4B7



7A6E78



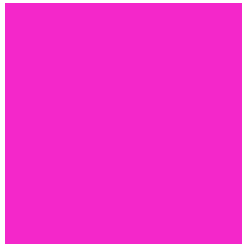
BA0094



3B002F

Previews

White Background



This preview shows how the Hex color F427CA 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 F427CA Background



This preview shows how black text looks on a background with the Hex color F427CA.

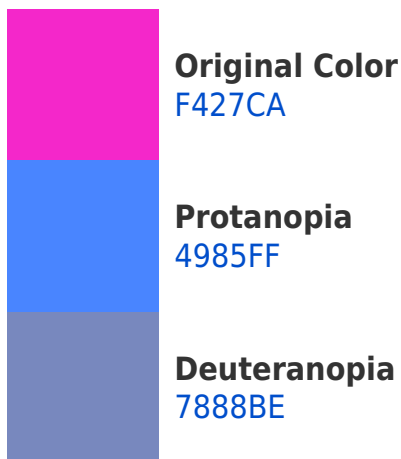


This preview shows how white text looks on a background with the Hex color F427CA.

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
F427CA



Protanomaly
8763EC



Deuteranomaly
A565C2



Tritanomaly
EE4583

Monochromacy



Original Color
F427CA



Achromatopsia
777777



Achromatomaly
A45A95

CSS Examples

Text

The CSS property to change the color of the text to Hex F427CA 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 #F427CA looks like.

```
.text, #text, p{  
    color:#F427CA  
}
```

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 #F427CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F427CA
}
```

Border

The CSS property to change the border of an element to Hex F427CA 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
#F427CA }
```

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

```
.border{ border-color:#F427CA }
```

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

Here you see how a box with a 4 pixel #F427CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F427CA; -webkit-box-shadow:4px 4px  
4px 4px #F427CA; box-shadow:4px 4px 4px  
4px #F427CA }
```

Background

The CSS property to change the background color of an element to Hex F427CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F427CA }
```

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

```
.background{ background-color:#F427CA }
```

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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