

Converting Colors

Hex(FF2CCA)

Have a look what the booklet for
Hex(FF2CCA) contains.

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Color

Hex(**FF2CCA**)

Conversions

Conversions Part 1

Format	Color
Hex	FF2CCA
RGB	255, 44, 202
RGB Percent	100%, 17%, 79%
CMY	0.0000, 0.8275, 0.2078
CMYK	0.00, 0.83, 0.21, 0.00
HSL	315°, 100%, 59%
HSV	315°, 83%, 100%
XYZ	52.8014, 27.3256, 58.3685
YIQ	125.1010, 75.0380, 93.8700

Conversions

Conversions Part 2

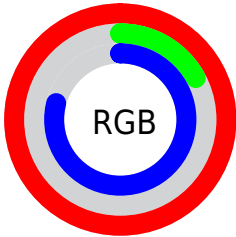
Format	Color
R _Y B	255, 44, 202
Decimal	16723146
CIE Lab	59.27, 86.57, -32.68
CIE LCh	59, 92.534, 339.316
Yxy	27.3256, 0.3812, 0.1973
Android (android.graphics.Color)	4294913226 (0xFFFF2CCA)
YUV	125.1010, 37.9112, 113.9214
Hunter-Lab	52.2739, 88.8216, -29.6109

Details

The Hex color **FF2CCA** 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 **2CFF61**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **FF75FF**, and **C10094** is the 20% darker color. If you saturate the color by 10%, you get **FF13C4**, and if you desaturate by 10%, it is **FF46D0**.

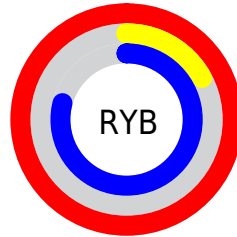
Distribution



Red (100%)

Green (17%)

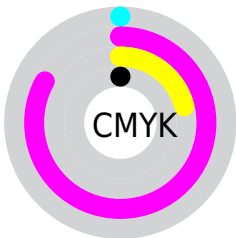
Blue (79%)



Red (100%)

Yellow (17%)

Blue (79%)

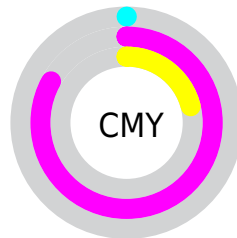


Cyan (0%)

Magenta (83%)

Yellow (21%)

Black (0%)



Cyan (0%)

Magenta (83%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF2CCA 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 FF2CCA by changing the saturation by 10% instead.

 FF2CCA

 FF2CCA

FFFFFF

 E000AE

 FF75FF

 C10094

 FF94FF

 A30079

 FFB2FF

 850060

 FFD1FF

 680048

 FFF0FF

 4D0031

 2E001B

 000000

 FF2CCA

 FF2CCA

■ FF13C4

■ FF46D0

■ FF00BF

■ FF5FD7

■ FF79DD

■ FF92E4

■ FFACEA

■ FFC5F0

■ FFDFF7

■ FFF8FD

FFFFFF

Harmonies

Analogous

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



AC6AFF



FF2CCA



FF0079

Triad

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



FF2CCA



969400



00AFF5

Complementary

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



FF2CCA



2CFF61

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.



00B0A7



FF2CCA



30A500

Square

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



FF2CCA



D97500



00AD51



00A7FF

Rectangle

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



FF2CCA



FF2D45



00AD51



00B0DD

Sweetspot

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



FF2CCA



FFBFEF



612CFF



805976



000000



808080

Same Dimension

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



FF2CCA



FF03C0



FF2C61



80737C



BF008F



400030

Inverse Universe

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



FF2CCA



FF03C0



2CFFCA



80737C



BF008F



400030

Previews

White Background



This preview shows how the Hex color FF2CCA looks on a white background.

Color Contrast Check

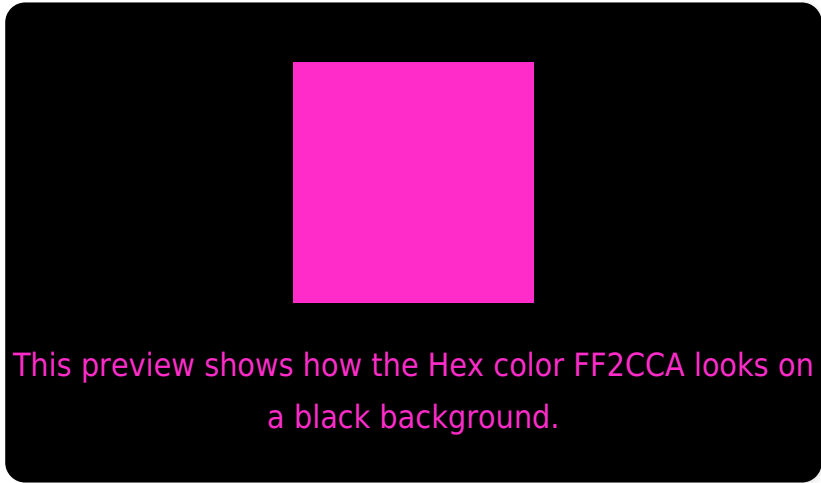
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF2CCA Background



This preview shows how black text looks on a background with the Hex color FF2CCA.

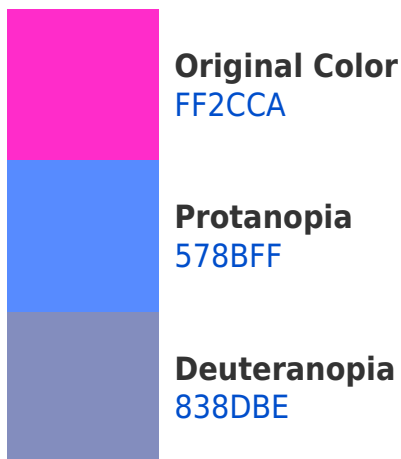


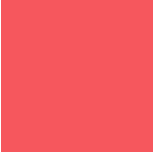
This preview shows how white text looks on a background with the Hex color FF2CCA.

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
F6575D

Trichromacy



Original Color
FF2CCA



Protanomaly
9468EC



Deuteranomaly
B06AC2



Tritanomaly
F94785

Monochromacy



Original Color
FF2CCA



Achromatopsia
7D7D7D



Achromatomaly
AC6099

CSS Examples

Text

The CSS property to change the color of the text to Hex FF2CCA 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 #FF2CCA looks like.

```
.text, #text, p{  
    color:#FF2CCA  
}
```

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 #FF2CCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF2CCA
}
```

Border

The CSS property to change the border of an element to Hex FF2CCA 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
#FF2CCA }
```

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

```
.border{ border-color:#FF2CCA }
```

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

Here you see how a box with a 4 pixel #FF2CCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF2CCA; -webkit-box-shadow:4px 4px  
4px 4px #FF2CCA; box-shadow:4px 4px 4px  
4px #FF2CCA }
```

Background

The CSS property to change the background color of an element to Hex FF2CCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF2CCA }
```

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

```
.background{ background-color:#FF2CCA }
```

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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