

Converting Colors

Hex(FF4CBF)

Have a look what the booklet for
Hex(FF4CBF) contains.

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Color

Hex(F44336)

Conversions

Conversions Part 1

Format	Color
Hex	FF4CBF
RGB	255, 76, 191
RGB Percent	100%, 30%, 75%
CMY	0.0000, 0.7020, 0.2510
CMYK	0.00, 0.70, 0.25, 0.00
HSL	321°, 100%, 65%
HSV	321°, 70%, 100%
XYZ	53.2284, 30.1905, 52.3121
YIQ	142.6310, 69.7690, 73.7130

Conversions

Conversions Part 2

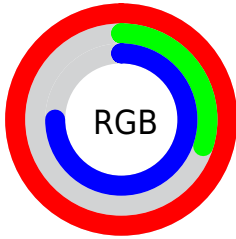
Format	Color
RYB	255, 76, 191
Decimal	16731327
CIELab	61.82, 76.71, -22.47
CIELCh	62, 79.935, 343.671
Yxy	30.1905, 0.3922, 0.2224
Android (android.graphics.Color)	4294921407 (0xFFFF4CBF)
YUV	142.6310, 23.8459, 98.5476
Hunter-Lab	54.9459, 76.7654, -17.9859

Details

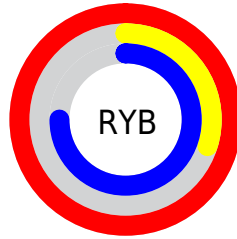
The Hex color **FF4CBF** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light washed rose. A complement of this color would be **4CFF8C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF8AF8**, and **C20089** is the 20% darker color. If you saturate the color by 10%, you get **FF33B6**, and if you desaturate by 10%, it is **FF66C8**.

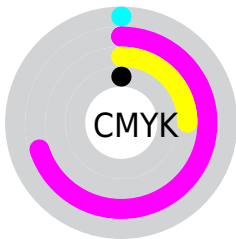
Distribution



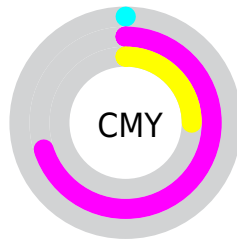
- Red (100%)
- Green (30%)
- Blue (75%)



- Red (100%)
- Yellow (30%)
- Blue (75%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4CBF 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 FF4CBF by changing the saturation by 10% instead.

 FF4CBF

 FF4CBF

FFFFFF

 E027A4

 FF8AF8

 C20089

 FFA7FF

 A40070

 FFC5FF

 870057

 FFE3FF

 690040

 4E002A

 310014

 000000

 FF4CBF

 FF4CBF

■ FF33B6

■ FF66C8

■ FF19AD

■ FF7FD1

■ FF00A4

■ FF99DA

■ FFB2E3

■ FFCCED

■ FFE5F6

FFFFFF

Harmonies

Analogous

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



C072FD



FF4CBF



FF4378

Triad

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



FF4CBF



969C00



00B2F6

Complementary

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



FF4CBF



4CFF8C

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.



00B5B5



FF4CBF



3EAB1C

Square

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



FF4CBF



D38400



00B26B



00A8FF

Rectangle

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



FF4CBF



FF564B



00B26B



00B4E3

Sweetspot

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



FF4CBF



FFC9EC



8B4CFF



806074



000000



808080

Same Dimension

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



FF4CBF



FF29B2



FF4C67



80737B



BF007B



400029

Inverse Universe

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



FF4CBF



FF29B2



4CFFE4



80737B



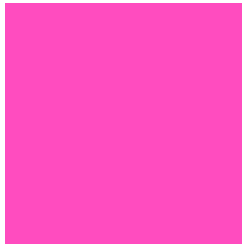
BF007B



400029

Previews

White Background



This preview shows how the Hex color FF4CBF looks on a white background.

Color Contrast Check

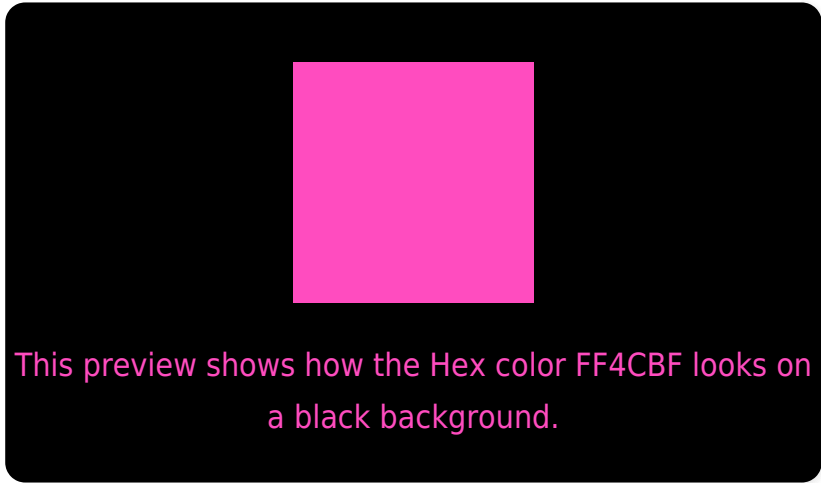
Large Text (above 18pt) WCAG AA × Fail

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 FF4CBF Background



This preview shows how black text looks on a background with the Hex color FF4CBF.



This preview shows how white text looks on a background with the Hex color FF4CBF.

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



Original Color
FF4CBF

Protanopia
6F92F4

Deuteranopia
9492B5



Tritanopia
F8646A

Trichromacy



Original Color
FF4CBF



Protanomaly
A379E1



Deuteranomaly
BB79B9



Tritanomaly
FB5B89

Monochromacy



Original Color
FF4CBF



Achromatopsia
8F8F8F



Achromatomaly
B877A0

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4CBF 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 #FF4CBF looks like.

```
.text, #text, p{  
    color:#FF4CBF  
}
```

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 #FF4CBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4CBF
}
```

Border

The CSS property to change the border of an element to Hex FF4CBF 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
#FF4CBF }
```

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

```
.border{ border-color:#FF4CBF }
```

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

Here you see how a box with a 4 pixel #FF4CBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4CBF; -webkit-box-shadow:4px 4px  
4px 4px #FF4CBF; box-shadow:4px 4px 4px  
4px #FF4CBF }
```

Background

The CSS property to change the background color of an element to Hex FF4CBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4CBF }
```

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

```
.background{ background-color:#FF4CBF }
```

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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