

Converting Colors

Hex(FF4CD3)

Have a look what the booklet for
Hex(FF4CD3) contains.

Hex(FF4CD3)	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(F4CD3)

Conversions

Conversions Part 1

Format	Color
Hex	FF4CD3
RGB	255, 76, 211
RGB Percent	100%, 30%, 83%
CMY	0.0000, 0.7020, 0.1725
CMYK	0.00, 0.70, 0.17, 0.00
HSL	315°, 100%, 65%
HSV	315°, 70%, 100%
XYZ	55.5823, 31.1320, 64.7076
YIQ	144.9110, 63.3490, 79.9330

Conversions

Conversions Part 2

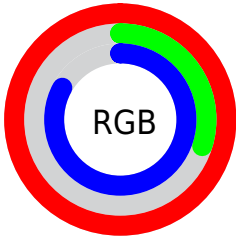
Format	Color
R_{YB}	255, 76, 211
Decimal	16731347
CIE _{Lab}	62.62, 79.25, -32.60
CIE _{LCh}	63, 85.690, 337.639
Yxy	31.1320, 0.3671, 0.2056
Android (android.graphics.Color)	4294921427 (0xFFFF4CD3)
YUV	144.9110, 32.5819, 96.5481
Hunter-Lab	55.7961, 80.1730, -29.7023

Details

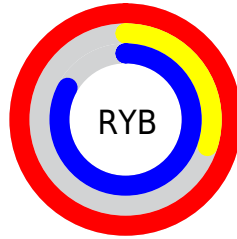
The Hex color **FF4CD3** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4CFF78**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **FF8AFF**, and **C2009C** is the 20% darker color. If you saturate the color by 10%, you get **FF33CD**, and if you desaturate by 10%, it is **FF66D9**.

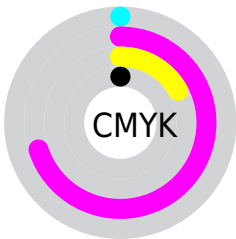
Distribution



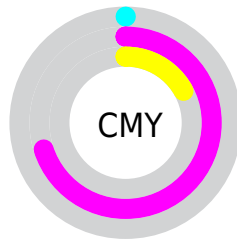
- Red (100%)
- Green (30%)
- Blue (83%)



- Red (100%)
- Yellow (30%)
- Blue (83%)



- Cyan (0%)
- Magenta (70%)
- Yellow (17%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF4CD3 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 FF4CD3 by changing the saturation by 10% instead.

 FF4CD3

 FF4CD3

FFFFFF

 E026B7

 FF8AFF

 C2009C

 FFA8FF

 A40082

 FFC6FF

 870068

 FFE4FF

 6A0050

 4E0038

 320022

 080007

 000000

 FF4CD3

 FF4CD3

 FF33CD

 FF66D9

 FF19C6

 FF7FE0

 FF00C0

 FF99E6

 FFB2EC

 FFCCF2

 FFE5F9

FFFFFF

Harmonies

Analogous

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



AE79FF



FF4CD3



FF3487

Triad

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



FF4CD3



A59B00



00B7F3

Complementary

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



FF4CD3



4CFF78

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.



00B8AA



FF4CD3



50AC00

Square

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



FF4CD3



E47E00



00B559



00AFFF

Rectangle

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



FF4CD3



FF4756



00B559



00B8DC

Sweetspot

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



FF4CD3



FFC9F2



764CFF



806078



000000



808080

Same Dimension

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



FF4CD3



FF29CA



FF4C7C



80737C



BF0090



400030

Inverse Universe

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



FF4CD3



FF29CA



4CFFCF



80737C



BF0090



400030

Previews

White Background



This preview shows how the Hex color FF4CD3 looks on a white background.

Color Contrast Check

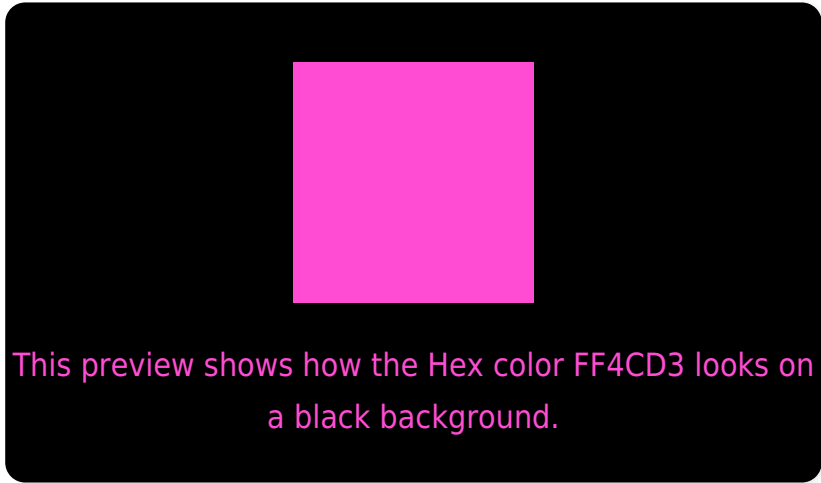
Large Text (above 18pt) WCAG AA × Fail

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 FF4CD3 Background



This preview shows how black text looks on a background with the Hex color FF4CD3.

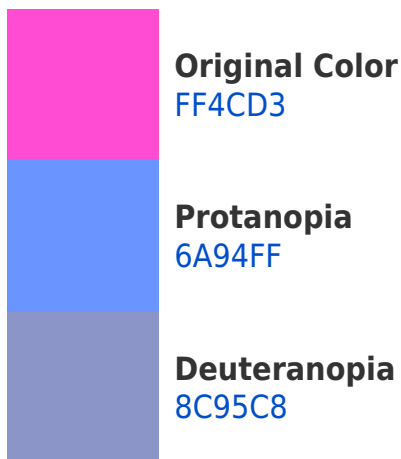


This preview shows how white text looks on a background with the Hex color FF4CD3.

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
F66A71

Trichromacy



Original Color
FF4CD3



Protanomaly
A07AEF



Deuteranomaly
B67ACC



Tritanomaly
F95F95

Monochromacy



Original Color
FF4CD3



Achromatopsia
919191



Achromatomaly
B978A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF4CD3 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 #FF4CD3 looks like.

```
.text, #text, p{  
    color:#FF4CD3  
}
```

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 #FF4CD3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF4CD3
}
```

Border

The CSS property to change the border of an element to Hex FF4CD3 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
#FF4CD3 }
```

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

```
.border{ border-color:#FF4CD3 }
```

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

Here you see how a box with a 4 pixel #FF4CD3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF4CD3; -webkit-box-shadow:4px 4px  
4px 4px #FF4CD3; box-shadow:4px 4px 4px  
4px #FF4CD3 }
```

Background

The CSS property to change the background color of an element to Hex FF4CD3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF4CD3 }
```

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

```
.background{ background-color:#FF4CD3 }
```

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