

Converting Colors

Hex(FB4CD5)

Have a look what the booklet for
Hex(FB4CD5) contains.

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Color

Hex(FB4CD5)

Conversions

Conversions Part 1

Format	Color
Hex	FB4CD5
RGB	251, 76, 213
RGB Percent	98%, 30%, 84%
CMY	0.0157, 0.7020, 0.1647
CMYK	0.00, 0.70, 0.15, 0.02
HSL	313°, 96%, 64%
HSV	313°, 70%, 98%
XYZ	54.3783, 30.4822, 65.9684
YIQ	143.9430, 60.3230, 79.7070

Conversions

Conversions Part 2

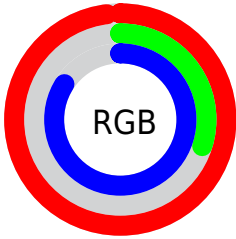
Format	Color
R_{YB}	251, 76, 213
Decimal	16469205
CIE _{Lab}	62.07, 78.58, -34.63
CIE _{LCh}	62, 85.874, 336.215
Yxy	30.4822, 0.3605, 0.2021
Android (android.graphics.Color)	4294659285 (0xFFFB4CD5)
YUV	143.9430, 34.0451, 93.8890
Hunter-Lab	55.2107, 79.1902, -32.1951

Details

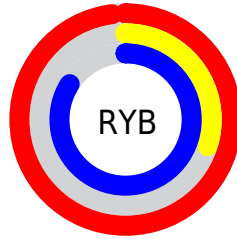
The Hex color **FB4CD5** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **4CFB72**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **FF8AFF**, and **BE009E** is the 20% darker color. If you saturate the color by 10%, you get **FB33D0**, and if you desaturate by 10%, it is **FB65DA**.

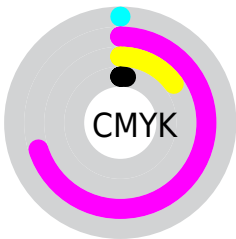
Distribution



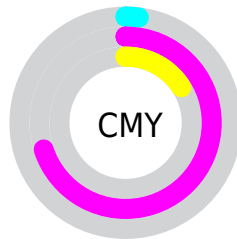
- Red (98%)
- Green (30%)
- Blue (84%)



- Red (98%)
- Yellow (30%)
- Blue (84%)



- Cyan (0%)
- Magenta (70%)
- Yellow (15%)
- Black (2%)



- Cyan (2%)
- Magenta (70%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB4CD5 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 FB4CD5 by changing the saturation by 10% instead.

 FB4CD5

 FB4CD5

FFFFFF

 DD26B9

 FF8AFF

 BE009E

 FFA8FF

 A10083

 FFC5FF


 84006A

 FFE3FF

 670051

 4C003A

 2F0023

 000009

 000000

 FB4CD5

 FB4CD5

 FB33D0

 FB65DA

 FB1ACA

 FB7EE0

 FB01C5

 FB97E5

 FB00C4

 FBB0EB

 FBC9F0

 FBE3F6

 FBFCFB

 FBFFFF

Harmonies

Analogous

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



A779FF



FB4CD5



FF308A

Triad

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



FB4CD5



A79800



00B6EF

Complementary

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



FB4CD5



4CFB72

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.



00B7A4



FB4CD5



53AA00

Square

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



FB4CD5



E47A00



00B354



00AEFF

Rectangle

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



FB4CD5



FF4358



00B354



00B7D8

Sweetspot

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



FB4CD5



FFC9F3



724CFB



806079



000000



808080

Same Dimension

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



FB4CD5



FF29D0



FB4C7E



7D707A



BD0094



3D0030

Inverse Universe

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



FB4CD5



FF29D0



4CFBC9



7D707A



BD0094



3D0030

Previews

White Background



This preview shows how the Hex color FB4CD5 looks on a white background.

Color Contrast Check

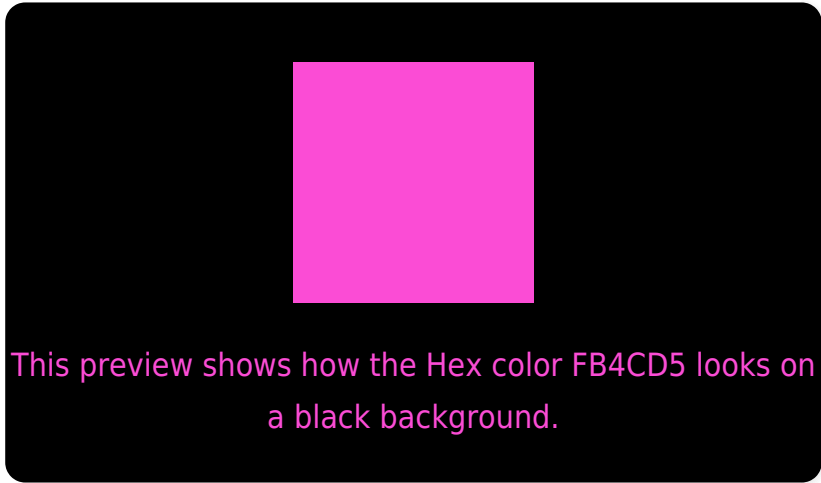
Large Text (above 18pt) WCAG AA × Fail

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 FB4CD5 Background



This preview shows how black text looks on a background with the Hex color FB4CD5.

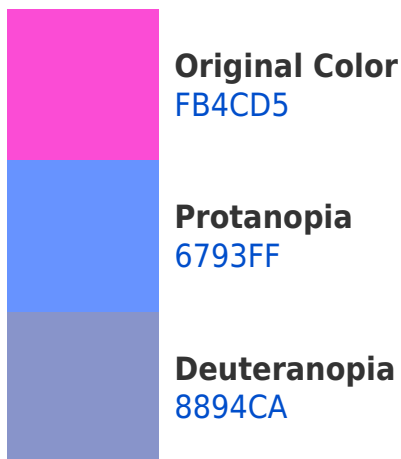



This preview shows how white text looks on a background with the Hex color FB4CD5.

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
F16A71

Trichromacy



Original Color
FB4CD5



Protanomaly
9D79F0



Deuteranomaly
B27ACE



Tritanomaly
F55F95

Monochromacy



Original Color
FB4CD5



Achromatopsia
909090



Achromatomaly
B777A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FB4CD5 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 #FB4CD5 looks like.

```
.text, #text, p{  
    color:#FB4CD5  
}
```

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 #FB4CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB4CD5
}
```

Border

The CSS property to change the border of an element to Hex FB4CD5 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
#FB4CD5 }
```

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

```
.border{ border-color:#FB4CD5 }
```

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

Here you see how a box with a 4 pixel #FB4CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB4CD5; -webkit-box-shadow:4px 4px  
4px 4px #FB4CD5; box-shadow:4px 4px 4px  
4px #FB4CD5 }
```

Background

The CSS property to change the background color of an element to Hex FB4CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB4CD5 }
```

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

```
.background{ background-color:#FB4CD5 }
```

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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