

Converting Colors

Hex(FB9CD8)

Have a look what the booklet for
Hex(FB9CD8) contains.

Hex(FB9CD8)	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(FB9CD8)

Conversions

Conversions Part 1

Format	Color
Hex	FB9CD8
RGB	251, 156, 216
RGB Percent	98%, 61%, 85%
CMY	0.0157, 0.3882, 0.1529
CMYK	0.00, 0.38, 0.14, 0.02
HSL	322°, 92%, 80%
HSV	322°, 38%, 98%
XYZ	64.0668, 49.2440, 71.0941
YIQ	191.2450, 37.3600, 38.8000

Conversions

Conversions Part 2

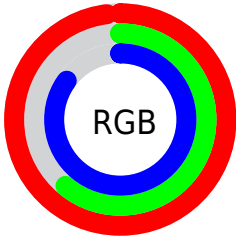
Format	Color
R_{YB}	251, 156, 216
Decimal	16489688
CIE _{Lab}	75.60, 43.56, -15.57
CIE _{LCh}	76, 46.258, 340.327
Yxy	49.2440, 0.3474, 0.2670
Android (android.graphics.Color)	4294679768 (0xFFFB9CD8)
YUV	191.2450, 12.2042, 52.4051
Hunter-Lab	70.1741, 40.1604, -10.9455

Details

The Hex color **FB9CD8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **9CFBBF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **FFD4FF**, and **C167A1** is the 20% darker color. If you saturate the color by 10%, you get **FB83CF**, and if you desaturate by 10%, it is **FBB5E1**.

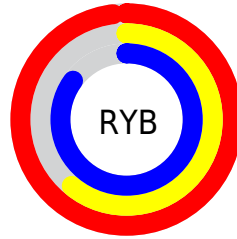
Distribution



Red (98%)

Green (61%)

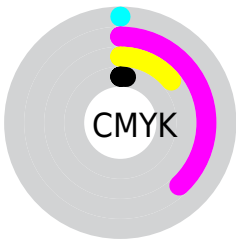
Blue (85%)



Red (98%)

Yellow (61%)

Blue (85%)

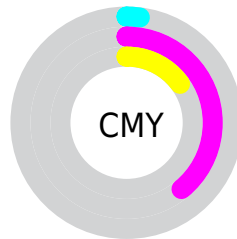


Cyan (0%)

Magenta (38%)

Yellow (14%)

Black (2%)



Cyan (2%)

Magenta (39%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FB9CD8 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 FB9CD8 by changing the saturation by 10% instead.

 FB9CD8

 FB9CD8

FFFFFF

 DE81BC

 FFD4FF

 C167A1

 FFF1FF

 A54D87

 89336D

 6E1755

 54003E

 3B0028

 230012

 000000

 FB9CD8

 FB9CD8

 FB83CF

 FBB5E1

 FB6AC6

 FBCEEA

 FB51BC

 FBE7F4

 FB38B3

 FBFFFD

 FB1FAA

 FBFFFF

 FB05A1

 FB009F

Harmonies

Analogous

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



D2AAF8



FB9CD8



FF98AD

Triad

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



FB9CD8



C7BD64



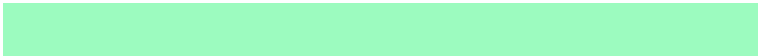
00CEFO

Complementary

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



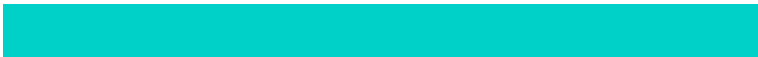
FB9CD8



9CFBBF

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.



00D1C8



FB9CD8



98C877

Square

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



FB9CD8



EDAE6A



5FCF9C



32C7FF

Rectangle

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



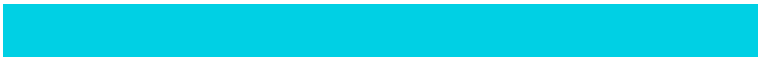
FB9CD8



FF9C91



5FCF9C



00D0E4

Sweetspot

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



FB9CD8



FFE3F5



BF9CFB



806F79



000000



808080

Same Dimension

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



FB9CD8



FF8CD5



FB9CA9



7D7078



BD0077



3D0027

Inverse Universe

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



FB9CD8



FF8CD5



9CFBEE



7D7078



BD0077



3D0027

Previews

White Background



This preview shows how the Hex color FB9CD8 looks on a white background.

Color Contrast Check

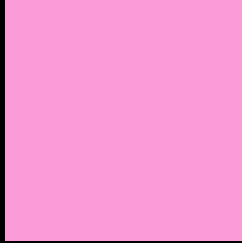
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FB9CD8 looks on a 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 FB9CD8 Background



This preview shows how black text looks on a background with the Hex color FB9CD8.

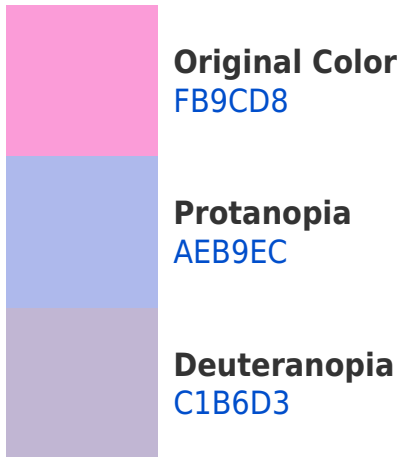


This preview shows how white text looks on a background with the Hex color FB9CD8.

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
F6A4B0

Trichromacy



Original Color
FB9CD8



Protanomaly
CAAEE5



Deuteranomaly
D6ADD5

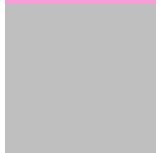


Tritanomaly
F8A1BF

Monochromacy



Original Color
FB9CD8



Achromatopsia
BFBFBF



Achromatomaly
D5B2C8

CSS Examples

Text

The CSS property to change the color of the text to Hex FB9CD8 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 #FB9CD8 looks like.

```
.text, #text, p{  
    color:#FB9CD8  
}
```

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 #FB9CD8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FB9CD8
}
```

Border

The CSS property to change the border of an element to Hex FB9CD8 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
#FB9CD8 }
```

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

```
.border{ border-color:#FB9CD8 }
```

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

Here you see how a box with a 4 pixel #FB9CD8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FB9CD8; -webkit-box-shadow:4px 4px  
4px 4px #FB9CD8; box-shadow:4px 4px 4px  
4px #FB9CD8 }
```

Background

The CSS property to change the background color of an element to Hex FB9CD8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FB9CD8 }
```

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

```
.background{ background-color:#FB9CD8 }
```

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