

Converting Colors

Hex(FC1BD7)

Have a look what the booklet for
Hex(FC1BD7) contains.

| | |
|--|----|
| Hex(FC1BD7) | 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(FC1BD7)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FC1BD7 |
| RGB | 252, 27, 215 |
| RGB Percent | 99%, 11%, 84% |
| CMY | 0.0118, 0.8941, 0.1569 |
| CMYK | 0.00, 0.89, 0.15, 0.01 |
| HSL | 310°, 97%, 55% |
| HSV | 310°, 89%, 99% |
| XYZ | 52.8026, 26.3856, 66.5999 |
| YIQ | 115.7070, 73.7520, 106.1680 |

Conversions

Conversions Part 2

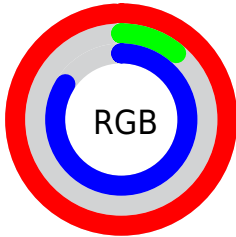
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 27, 215 |
| Decimal | 16522199 |
| CIE Lab | 58.40, 90.34, -41.49 |
| CIE LCh | 58, 99.411, 335.329 |
| Yxy | 26.3856, 0.3622, 0.1810 |
| Android (android.graphics.Color) | 4294712279 (0xFFFC1BD7) |
| YUV | 115.7070, 48.9514, 119.5290 |
| Hunter-Lab | 51.3669, 93.5967, -40.9157 |

Details

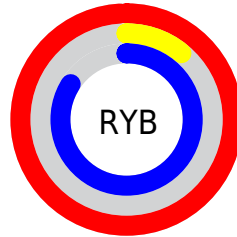
The Hex color **FC1BD7** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **1BFC40**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF6DFF**, and **BE00A0** is the 20% darker color. If you saturate the color by 10%, you get **FC02D3**, and if you desaturate by 10%, it is **FC34DB**.

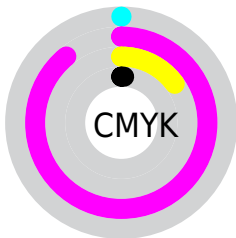
Distribution



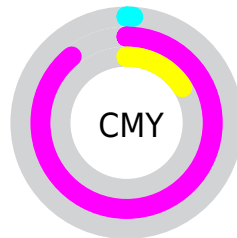
- Red (99%)
- Green (11%)
- Blue (84%)



- Red (99%)
- Yellow (11%)
- Blue (84%)



- Cyan (0%)
- Magenta (89%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (89%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FC1BD7 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 FC1BD7 by changing the saturation by 10% instead.

 FC1BD7

 FC1BD7

FFFFFF

 DD00BB

 FF6DFF

 BE00A0

 FF8DFF

 A00085

 FFACFF

 83006B

 FFCBFF

 650052

 FFEAFF

 49003B

 2B0024

 00000A

 000000

 FC1BD7

 FC1BD7

 FC02D3

 FC34DB

 FC00D3

 FC4DDF

 FC67E3

 FC80E8

 FC99EC

 FCB2F0

 FCCBF4

 FCE5F8

 FCFEFC

Harmonies

Analogous

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



966BFF



FC1BD7



FF0081

Triad

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



FC1BD7



9D8E00



00AFF0

Complementary

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



FC1BD7



1BFC40

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.



00AF9A



FC1BD7



36A200

Square

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



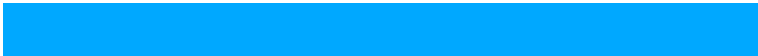
FC1BD7



E26A00



00AB3C



00A8FF

Rectangle

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



FC1BD7



FF0049



00AB3C



00B0D5

Sweetspot

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



FC1BD7



FFBAF4



3D1BFC



805779



000000



808080

Same Dimension

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



FC1BD7



FF00D5



FC1B6A



7D707B



BD009E



3D0033

Inverse Universe

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



FC1BD7



FF00D5



1BFCAD



7D707B



BD009E



3D0033

Previews

White Background



This preview shows how the Hex color FC1BD7 looks on a white background.

Color Contrast Check

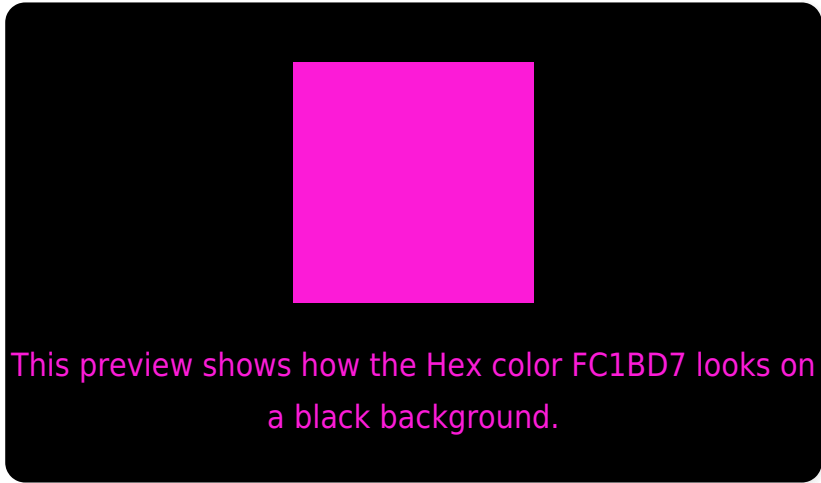
Large Text (above 18pt) WCAG AA ✓ Pass

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 FC1BD7 Background



This preview shows how black text looks on a background with the Hex color FC1BD7.

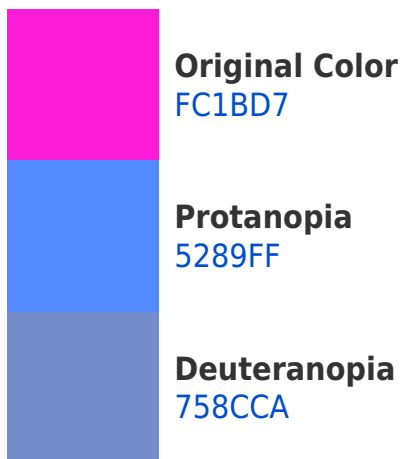


This preview shows how white text looks on a background with the Hex color FC1BD7.

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



Trichromacy



Original Color
FC1BD7



Protanomaly
9061F0



Deuteranomaly
A663CF



Tritanomaly
F54189

Monochromacy



Original Color
FC1BD7



Achromatopsia
747474



Achromatomaly
A55498

CSS Examples

Text

The CSS property to change the color of the text to Hex FC1BD7 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 #FC1BD7 looks like.

```
.text, #text, p{  
    color:#FC1BD7  
}
```

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 #FC1BD7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FC1BD7
}
```

Border

The CSS property to change the border of an element to Hex FC1BD7 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
#FC1BD7 }
```

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

```
.border{ border-color:#FC1BD7 }
```

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

Here you see how a box with a 4 pixel #FC1BD7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FC1BD7; -webkit-box-shadow:4px 4px  
4px 4px #FC1BD7; box-shadow:4px 4px 4px  
4px #FC1BD7 }
```

Background

The CSS property to change the background color of an element to Hex FC1BD7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FC1BD7 }
```

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

```
.background{ background-color:#FC1BD7 }
```

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