

Converting Colors

Hex(CF3BDC)

Have a look what the booklet for
Hex(CF3BDC) contains.

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Color

Hex(CF3BDC)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CF3BDC |
| RGB | 207, 59, 220 |
| RGB Percent | 81%, 23%, 86% |
| CMY | 0.1882, 0.7686, 0.1373 |
| CMYK | 0.06, 0.73, 0.00, 0.14 |
| HSL | 295°, 70%, 55% |
| HSV | 295°, 73%, 86% |
| XYZ | 40.2144, 21.5606, 69.7522 |
| YIQ | 121.6060, 36.5270, 81.4470 |

Conversions

Conversions Part 2

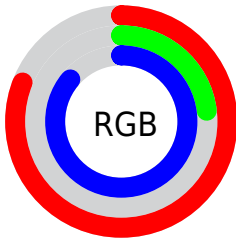
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 207, 59, 220 |
| Decimal | 13581276 |
| CIE _{Lab} | 53.56, 75.54, -52.48 |
| CIE _{LCh} | 54, 91.986, 325.211 |
| Yxy | 21.5606, 0.3057, 0.1639 |
| Android (android.graphics.Color) | 4291771356 (0xFFCF3BDC) |
| YUV | 121.6060, 48.5082, 74.8905 |
| Hunter-Lab | 46.4334, 73.3341, -56.5620 |

Details

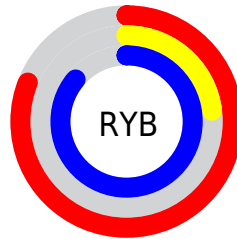
The Hex color **CF3BDC** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **48DC3B**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF78FF**, and **9400A4** is the 20% darker color. If you saturate the color by 10%, you get **CD25DC**, and if you desaturate by 10%, it is **D151DC**.

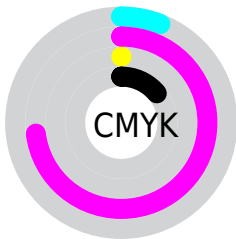
Distribution



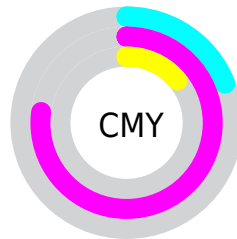
- Red (81%)
- Green (23%)
- Blue (86%)



- Red (81%)
- Yellow (23%)
- Blue (86%)



- Cyan (6%)
- Magenta (73%)
- Yellow (0%)
- Black (14%)



- Cyan (19%)
- Magenta (77%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color CF3BDC 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 CF3BDC by changing the saturation by 10% instead.

 CF3BDC

 CF3BDC

FFFFFF

 B10FC0

 FF78FF

 9400A4

 FF95FF

 780089

 FFB3FF

 5B006F

 FFD0FF

 400056

 FFE0FF

 23003E

 000027

 000110

 000000

 CF3BDC

 CF3BDC

 CD25DC

 D151DC

 CB0FDC

 D367DC

 CA00DC

 D47DDC

 D693DC

 D8A9DC

 DABFDC

 DBD5DC

 DDEBDC

 DFFFDC

Harmonies

Analogous

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



4571FF



CF3BDC



FF0090

Triad

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



CF3BDC



A77900



00A0C2

Complementary

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



CF3BDC



48DC3B

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.



009F70



CF3BDC



5A8F00

Square

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



CF3BDC



DF5100



009A0F



009DFF

Rectangle

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



CF3BDC



FF005C



009A0F



00A0A8

Sweetspot

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



CF3BDC



FAC7FF



3B48DC



7D5E80



000000



808080

Same Dimension

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



CF3BDC



ED1FFF



DC3B99



6D636E



9F00AD



2A002E

Inverse Universe

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



DC3B48



FF1F31



3BDC7E



6E6364



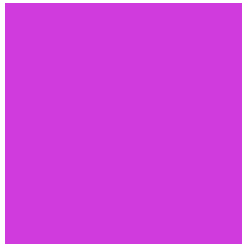
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color CF3BDC looks on a white background.

Color Contrast Check

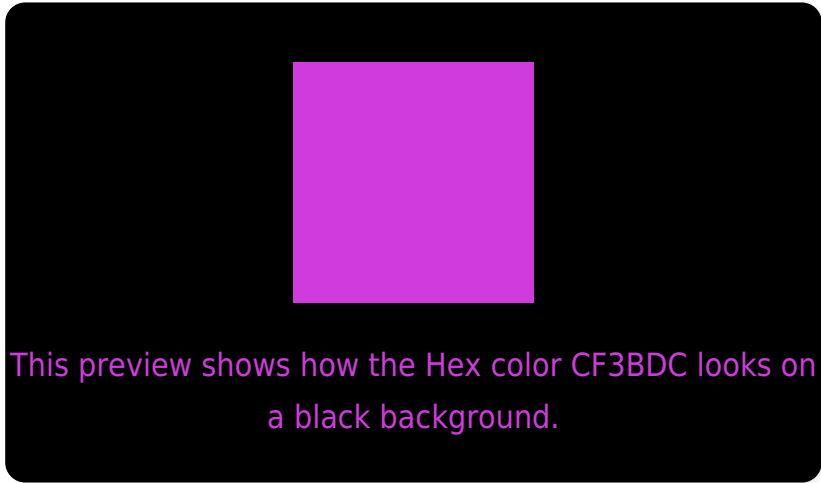
Large Text (above 18pt) WCAG AA ✓ Pass

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

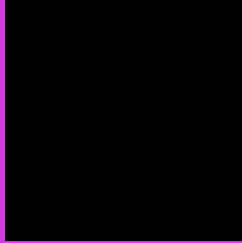
Any Text WCAG AA ✓ Pass

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 CF3BDC Background



This preview shows how black text looks on a background with the Hex color CF3BDC.

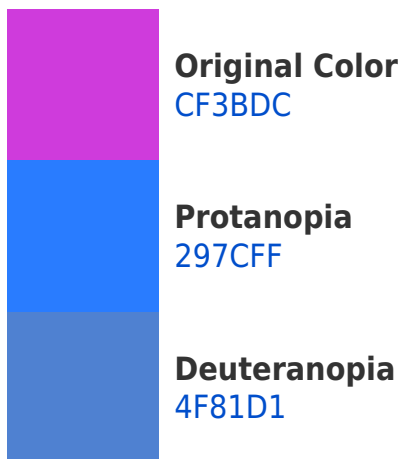



This preview shows how white text looks on a background with the Hex color CF3BDC.

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
C1636B

Trichromacy



Original Color
CF3BDC



Protanomaly
6564F2



Deuteranomaly
7E68D5



Tritanomaly
C65494

Monochromacy



Original Color
CF3BDC



Achromatopsia
7A7A7A



Achromatomaly
99639E

CSS Examples

Text

The CSS property to change the color of the text to Hex CF3BDC 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 #CF3BDC looks like.

```
.text, #text, p{  
    color:#CF3BDC  
}
```

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 #CF3BDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CF3BDC
}
```

Border

The CSS property to change the border of an element to Hex CF3BDC 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
#CF3BDC }
```

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

```
.border{ border-color:#CF3BDC }
```

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

Here you see how a box with a 4 pixel #CF3BDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CF3BDC; -webkit-box-shadow:4px 4px  
4px 4px #CF3BDC; box-shadow:4px 4px 4px  
4px #CF3BDC }
```

Background

The CSS property to change the background color of an element to Hex CF3BDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CF3BDC }
```

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

```
.background{ background-color:#CF3BDC }
```

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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