

Converting Colors

Hex(D03FBB)

Have a look what the booklet for
Hex(D03FBB) contains.

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Color

Hex(D03FBB)

Conversions

Conversions Part 1

Format	Color
Hex	D03FBB
RGB	208, 63, 187
RGB Percent	82%, 25%, 73%
CMY	0.1843, 0.7529, 0.2667
CMYK	0.00, 0.70, 0.10, 0.18
HSL	309°, 61%, 53%
HSV	309°, 70%, 82%
XYZ	36.7596, 20.5528, 49.0433
YIQ	120.4910, 46.6160, 69.3040

Conversions

Conversions Part 2

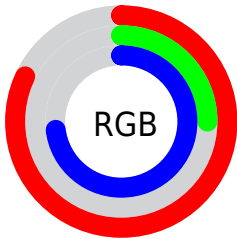
Format	Color
R _Y B	208, 63, 187
Decimal	13647803
CIE Lab	52.46, 69.22, -35.28
CIE LCh	52, 77.692, 332.992
Yxy	20.5528, 0.3456, 0.1932
Android (android.graphics.Color)	4291837883 (0xFFD03FBB)
YUV	120.4910, 32.7889, 76.7454
Hunter-Lab	45.3352, 65.3985, -32.4050

Details

The Hex color **D03FBB** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted rose. A complement of this color would be **3FD054**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF7AF4**, and **960085** is the 20% darker color. If you saturate the color by 10%, you get **D02AB8**, and if you desaturate by 10%, it is **D054BE**.

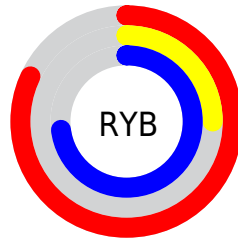
Distribution



Red (82%)

Green (25%)

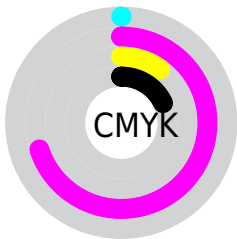
Blue (73%)



Red (82%)

Yellow (25%)

Blue (73%)

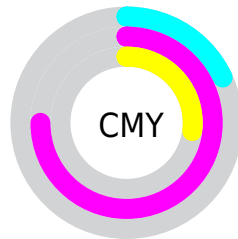


Cyan (0%)

Magenta (70%)

Yellow (10%)

Black (18%)



Cyan (18%)

Magenta (75%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color D03FBB 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 D03FBB by changing the saturation by 10% instead.

 D03FBB

 D03FBB

FFFFFF

 B31AA0

 FF7AF4

 960085

 FF97FF

 79006C

 FFB4FF

 5D0053

 FFD1FF

 43003B

 FFEFFF

 270025

 00000C

 000000

 D03FBB

 D03FBB

 D02AB8

 D054BE

 D015B5

 D069C1

 D001B2

 D07DC4

 D000B2

 D092C7

 D0A7CA

 D0BCCD

 D0D1D0

 D0E5D3

 D0FAD6

Harmonies

Analogous

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



7F68EE



D03FBB



EE1D7A

Triad

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



D03FBB



927D00



0099C5

Complementary

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



D03FBB



3FD054

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.



009982



D03FBB



4C8D00

Square

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



D03FBB



C66100



00963C



0093F5

Rectangle

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



D03FBB



EE2D4E



00963C



009AB0

Sweetspot

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



D03FBB



FFC9F7



523FD0



80607B



000000



808080

Same Dimension

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



D03FBB



FF29E0



D03F74



695E67



A80090



290023

Inverse Universe

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



D03FBB



FF29E0



3FD09B



695E67



A80090



290023

Previews

White Background



This preview shows how the Hex color D03FBB looks on a white background.

Color Contrast Check

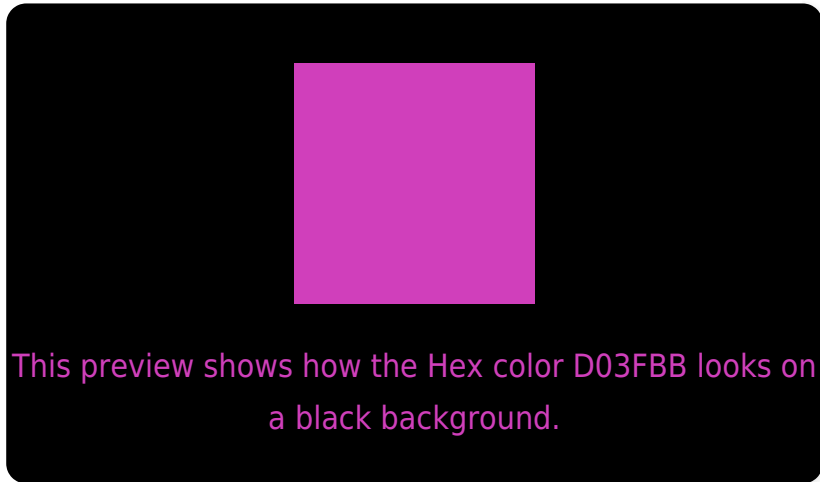
Large Text (above 18pt) WCAG AA ✓ Pass

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

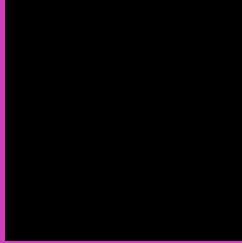
Any Text WCAG AA ✓ Pass

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 D03FBB Background



This preview shows how black text looks on a background with the Hex color D03FBB.

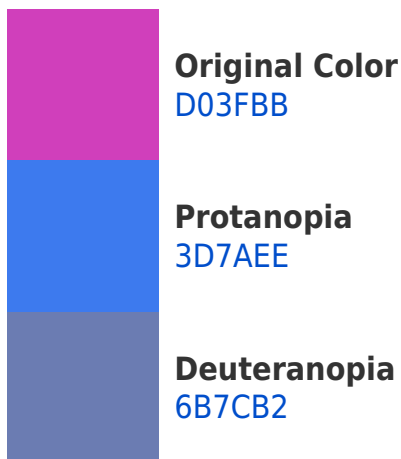


This preview shows how white text looks on a background with the Hex color D03FBB.

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
C75B61

Trichromacy



Original Color
D03FBB



Protanomaly
7265DB



Deuteranomaly
9066B5



Tritanomaly
CA5182

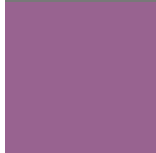
Monochromacy



Original Color
D03FBB



Achromatopsia
787878



Achromatomaly
986390

CSS Examples

Text

The CSS property to change the color of the text to Hex D03FBB 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 #D03FBB looks like.

```
.text, #text, p{  
    color:#D03FBB  
}
```

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 #D03FBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D03FBB  
}
```

Border

The CSS property to change the border of an element to Hex D03FBB 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  
#D03FBB }
```

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

```
.border{ border-color:#D03FBB }
```

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

Here you see how a box with a 4 pixel #D03FBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D03FBB; -webkit-box-shadow:4px 4px  
4px 4px #D03FBB; box-shadow:4px 4px 4px  
4px #D03FBB }
```

Background

The CSS property to change the background color of an element to Hex D03FBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D03FBB }
```

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

```
.background{ background-color:#D03FBB }
```

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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