

Converting Colors

Hex(FD02DA)

Have a look what the booklet for
Hex(FD02DA) contains.

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Color

Hex(FD02DA)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FD02DA |
| RGB | 253, 2, 218 |
| RGB Percent | 99%, 1%, 85% |
| CMY | 0.0078, 0.9922, 0.1451 |
| CMYK | 0.00, 0.99, 0.14, 0.01 |
| HSL | 308°, 98%, 50% |
| HSV | 308°, 99%, 99% |
| XYZ | 53.1846, 25.9880, 68.5427 |
| YIQ | 101.6730, 80.2600, 120.3880 |

Conversions

Conversions Part 2

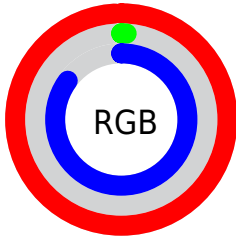
| Format | Color |
|-------------------------------------|---|
| RYB | 253, 2, 218 |
| Decimal | 16581338 |
| CIELab | 58.03, 92.94, -43.78 |
| CIELCh | 58, 102.738, 334.779 |
| Yxy | 25.9880, 0.3600, 0.1759 |
| Android (android.graphics.Color) | 4294771418 (0xFFFD02DA) |
| YUV | 101.6730, 57.3492, 132.7138 |
| Hunter-Lab | 50.9784, 97.0126, -44.0330 |

Details

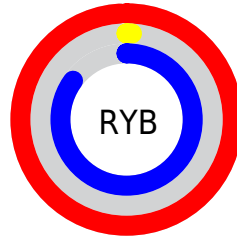
The Hex color **FD02DA** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **02FD25**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF68FF**, and **BF00A2** is the 20% darker color. If you saturate the color by 10%, you get **FD00DA**, and if you desaturate by 10%, it is **FD1BDE**.

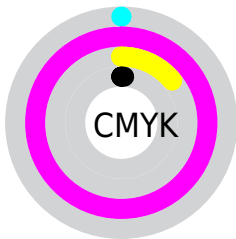
Distribution



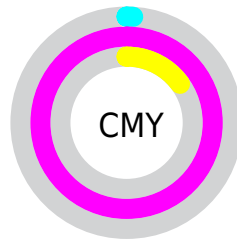
- Red (99%)
- Green (1%)
- Blue (85%)



- Red (99%)
- Yellow (1%)
- Blue (85%)



- Cyan (0%)
- Magenta (99%)
- Yellow (14%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD02DA 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 FD02DA by changing the saturation by 10% instead.

 FD02DA

 FD02DA

FFFFFF

 DE00BE

 FF68FF

 BF00A2

 FF88FF

 A10088

 FFA8FF

 83006E

 FFC7FF

 650055

 FFE6FF

 4A003D

 2B0026

 00010E

 000000

 FD02DA

 FD02DA

 FD00DA

 FD1BDE

 FD35E1

 FD4EE5

 FD67E8

 FD81EC

 FD9AEF

 FDB3F3

 FDCCF6

 FDE6FA

Harmonies

Analogous

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



916AFF



FD02DA



FF0082

Triad

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



FD02DA



9D8D00



00AFF1

Complementary

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



FD02DA



02FD25

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.



00AF98



FD02DA



31A100

Square

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



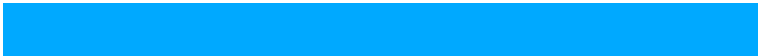
FD02DA



E46700



00AB36



00A9FF

Rectangle

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



FD02DA



FF0047



00AB36



00AFD5

Sweetspot

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



FD02DA



FFB3F4



2302FD



805279



000000



808080

Same Dimension

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



FD02DA



FF00DB



FD025E



80737E



BF00A5



400037

Inverse Universe

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



FD02DA



FF00DB



02FDA1



80737E



BF00A5



400037

Previews

White Background



This preview shows how the Hex color FD02DA looks on a white background.

Color Contrast Check

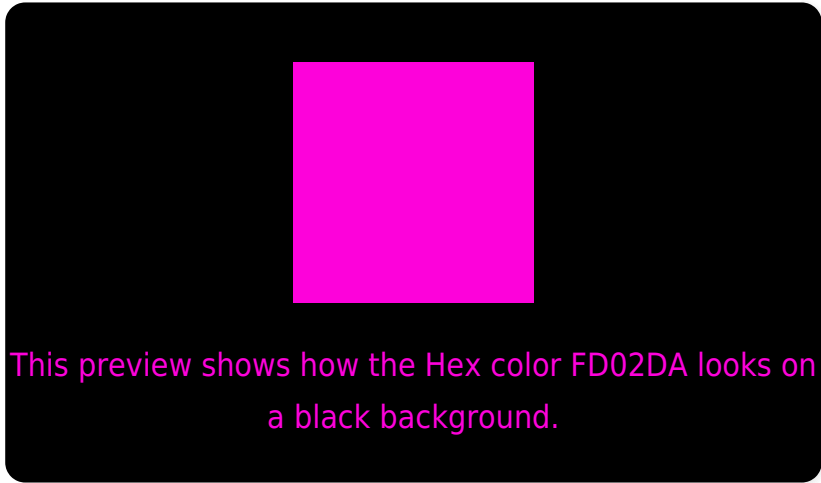
Large Text (above 18pt) WCAG AA ✓ Pass

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

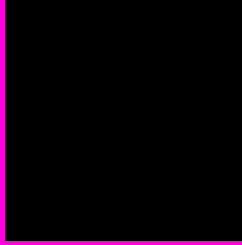
Any Text WCAG AA ✓ Pass

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 FD02DA Background



This preview shows how black text looks on a background with the Hex color FD02DA.

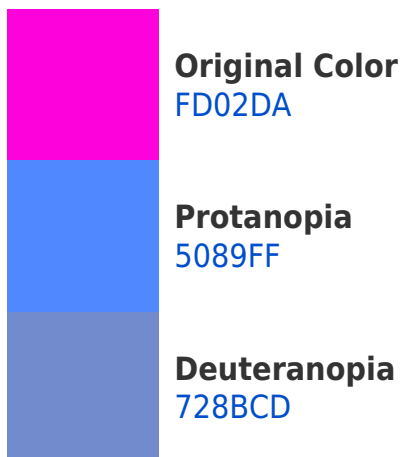


This preview shows how white text looks on a background with the Hex color FD02DA.

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
F2565B

Trichromacy



Original Color
FD02DA



Protanomaly
8F58F2



Deuteranomaly
A559D2



Tritanomaly
F63789

Monochromacy



Original Color
FD02DA



Achromatopsia
666666



Achromatomaly
9D4290

CSS Examples

Text

The CSS property to change the color of the text to Hex FD02DA 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 #FD02DA looks like.

```
.text, #text, p{  
    color:#FD02DA  
}
```

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 #FD02DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD02DA
}
```

Border

The CSS property to change the border of an element to Hex FD02DA 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
#FD02DA }
```

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

```
.border{ border-color:#FD02DA }
```

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

Here you see how a box with a 4 pixel #FD02DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD02DA; -webkit-box-shadow:4px 4px  
4px 4px #FD02DA; box-shadow:4px 4px 4px  
4px #FD02DA }
```

Background

The CSS property to change the background color of an element to Hex FD02DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD02DA }
```

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

```
.background{ background-color:#FD02DA }
```

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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