

Converting Colors

Hex(FD02B2)

Have a look what the booklet for
Hex(FD02B2) contains.

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Color

Hex(FD02B2)

Conversions

Conversions Part 1

Format	Color
Hex	FD02B2
RGB	253, 2, 178
RGB Percent	99%, 1%, 70%
CMY	0.0078, 0.9922, 0.3020
CMYK	0.00, 0.99, 0.30, 0.01
HSL	318°, 98%, 50%
HSV	318°, 99%, 99%
XYZ	48.5656, 24.1404, 44.2194
YIQ	97.1130, 93.1000, 107.9480

Conversions

Conversions Part 2

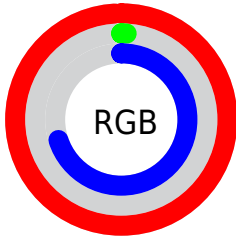
Format	Color
R_{YB}	253, 2, 178
Decimal	16581298
CIE _{Lab}	56.23, 88.40, -23.58
CIE _{LCh}	56, 91.492, 345.066
Yxy	24.1404, 0.4154, 0.2065
Android (android.graphics.Color)	4294771378 (0xFFFD02B2)
YUV	97.1130, 39.8773, 136.7129
Hunter-Lab	49.1329, 90.4564, -18.9677

Details

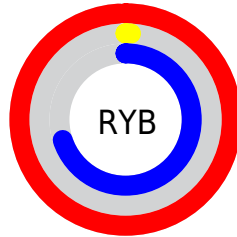
The Hex color **FD02B2** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **02FD4D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66EA**, and **BF007D** is the 20% darker color. If you saturate the color by 10%, you get **FD00B1**, and if you desaturate by 10%, it is **FD1BBA**.

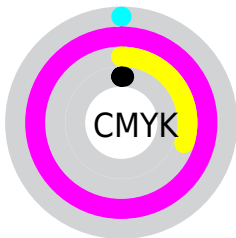
Distribution



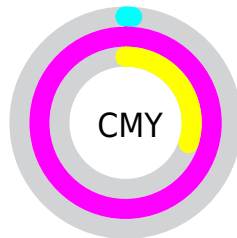
- Red (99%)
- Green (1%)
- Blue (70%)



- Red (99%)
- Yellow (1%)
- Blue (70%)



- Cyan (0%)
- Magenta (99%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (99%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD02B2 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 FD02B2 by changing the saturation by 10% instead.

 FD02B2

 FD02B2

FFFFFF

 DE0097

 FF66EA

 BF007D

 FF86FF

 A00064

 FFA5FF

 82004C

 FFC4FF

 640035

 FFE3FF

 47001F

 2A0001

 000000

 FD02B2

 FD02B2

 FD00B1

 FD1BBA

 FD35C1

 FD4EC9

 FD67D0

 FD81D8

 FD9ADF

 FDB3E7

 FDCCEE

 FDE6F6

Harmonies

Analogous

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



B859F9



FD02B2



FF0063

Triad

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



FD02B2



7F9000



00A6F7

Complementary

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



FD02B2



02FD4D

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.



00A8AE



FD02B2



009E00

Square

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



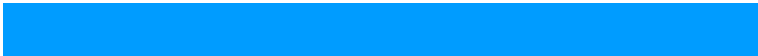
FD02B2



C47500



00A55B



009CFF

Rectangle

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



FD02B2



FF312F



00A55B



00A7E1

Sweetspot

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



FD02B2



FFB3E8



4902FD



805272



000000



808080

Same Dimension

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



FD02B2



FF00B3



FD0238



80737C



BF0086



40002D

Inverse Universe

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



FD02B2



FF00B3



02FDC7



80737C



BF0086



40002D

Previews

White Background



This preview shows how the Hex color FD02B2 looks on a white background.

Color Contrast Check

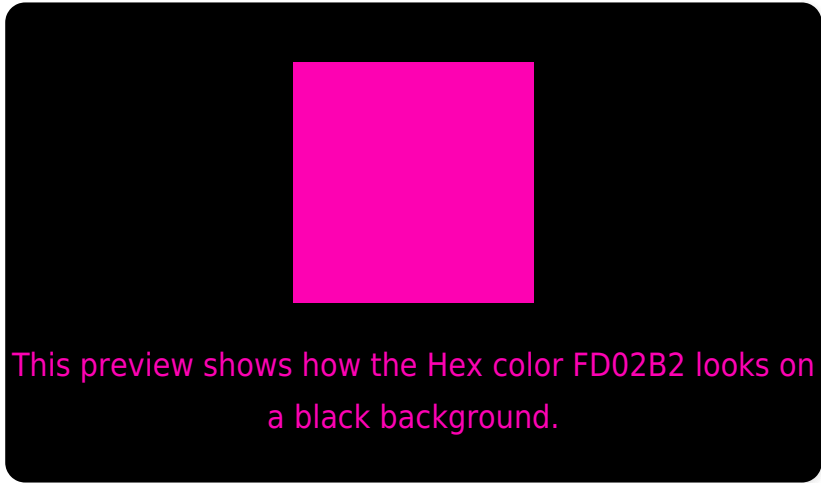
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD02B2 Background



This preview shows how black text looks on a background with the Hex color FD02B2.



This preview shows how white text looks on a background with the Hex color FD02B2.

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
F64649

Trichromacy



Original Color
FD02B2



Protanomaly
8A55E2



Deuteranomaly
B155AA



Tritanomaly
F92D6F

Monochromacy



Original Color
FD02B2



Achromatopsia
616161



Achromatomaly
9A3E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex FD02B2 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 #FD02B2 looks like.

```
.text, #text, p{  
    color:#FD02B2  
}
```

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 #FD02B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD02B2
}
```

Border

The CSS property to change the border of an element to Hex FD02B2 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
#FD02B2 }
```

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

```
.border{ border-color:#FD02B2 }
```

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

Here you see how a box with a 4 pixel #FD02B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD02B2; -webkit-box-shadow:4px 4px  
4px 4px #FD02B2; box-shadow:4px 4px 4px  
4px #FD02B2 }
```

Background

The CSS property to change the background color of an element to Hex FD02B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD02B2 }
```

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

```
.background{ background-color:#FD02B2 }
```

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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