

Converting Colors

Hex(FF03D2)

Have a look what the booklet for
Hex(FF03D2) contains.

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Color

Hex(FF03D2)

Conversions

Conversions Part 1

Format	Color
Hex	FF03D2
RGB	255, 3, 210
RGB Percent	100%, 1%, 82%
CMY	0.0000, 0.9882, 0.1765
CMYK	0.00, 0.99, 0.18, 0.00
HSL	311°, 100%, 51%
HSV	311°, 99%, 100%
XYZ	52.9054, 25.9783, 63.1986
YIQ	101.9460, 83.7450, 117.8010

Conversions

Conversions Part 2

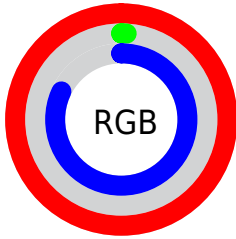
Format	Color
R_{YB}	255, 3, 210
Decimal	16712658
CIE _{Lab}	58.02, 92.26, -39.22
CIE _{LCh}	58, 100.251, 336.971
Yxy	25.9783, 0.3724, 0.1828
Android (android.graphics.Color)	4294902738 (0xFFFF03D2)
YUV	101.9460, 53.2706, 134.2284
Hunter-Lab	50.9689, 96.0865, -37.8382

Details

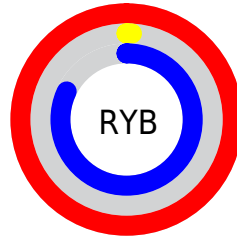
The Hex color **FF03D2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **03FF30**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **FF68FF**, and **C1009B** is the 20% darker color. If you saturate the color by 10%, you get **FF00D1**, and if you desaturate by 10%, it is **FF1CD7**.

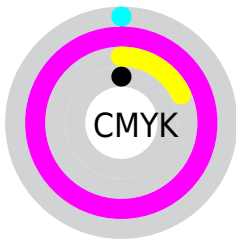
Distribution



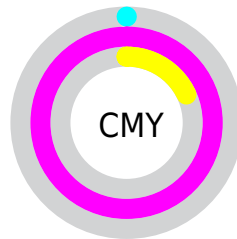
- Red (100%)
- Green (1%)
- Blue (82%)



- Red (100%)
- Yellow (1%)
- Blue (82%)



- Cyan (0%)
- Magenta (99%)
- Yellow (18%)
- Black (0%)



- Cyan (0%)
- Magenta (99%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF03D2 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 FF03D2 by changing the saturation by 10% instead.

 FF03D2

 FF03D2

FFFFFF

 E000B6

 FF68FF

 C1009B

 FF88FF

 A30081

 FFA8FF

 850067

 FFC7FF

 67004E

 FFE6FF

 4B0037

 2D0020

 000003

 000000

 FF03D2

 FF03D2

 FF00D1

 FF1CD7

 FF36DB

 FF50E0

 FF69E4

 FF83E9

 FF9CED

 FFB5F2

 FFCFF6

 FFE9FB

Harmonies

Analogous

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



9D67FF



FF03D2



FF007B

Triad

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



FF03D2



988F00



00AEF4

Complementary

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



FF03D2



03FF30

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.



00AE9F



FF03D2



27A200

Square

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



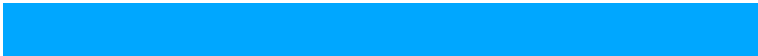
FF03D2



DE6C00



00AB40



00A7FF

Rectangle

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



FF03D2



FF0043



00AB40



00AFDA

Sweetspot

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



FF03D2



FFB3F1



2D03FF



805277



000000



808080

Same Dimension

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



FF03D2



FF00D1



FF0357



80737D



BF009D



400034

Inverse Universe

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



FF03D2



FF00D1



03FFAB



80737D



BF009D



400034

Previews

White Background



This preview shows how the Hex color FF03D2 looks on a white background.

Color Contrast Check

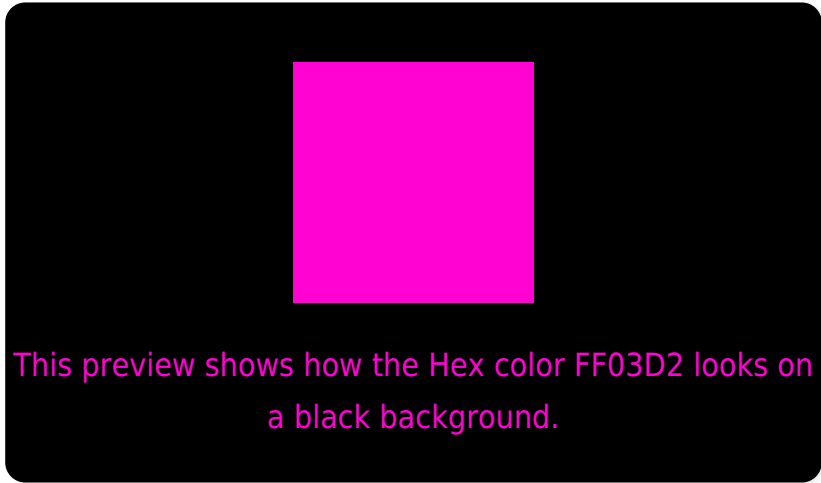
Large Text (above 18pt) WCAG AA ✓ Pass

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

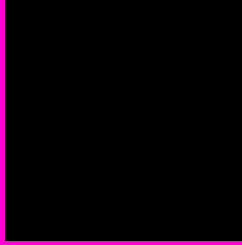
Any Text WCAG AA ✓ Pass

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 FF03D2 Background



This preview shows how black text looks on a background with the Hex color FF03D2.



This preview shows how white text looks on a background with the Hex color FF03D2.

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



Original Color
FF03D2

Protanopia
5189FF

Deuteranopia
798BC5

Trichromacy



Original Color
FF03D2



Protanomaly
9058EF



Deuteranomaly
AA5ACA



Tritanomaly
F93684

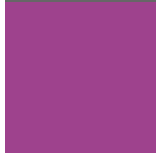
Monochromacy



Original Color
FF03D2



Achromatopsia
666666



Achromatomaly
9E428D

CSS Examples

Text

The CSS property to change the color of the text to Hex FF03D2 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 #FF03D2 looks like.

```
.text, #text, p{  
  color:#FF03D2  
}
```

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 #FF03D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF03D2
}
```

Border

The CSS property to change the border of an element to Hex FF03D2 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
#FF03D2 }
```

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

```
.border{ border-color:#FF03D2 }
```

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

Here you see how a box with a 4 pixel #FF03D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF03D2; -webkit-box-shadow:4px 4px  
4px 4px #FF03D2; box-shadow:4px 4px 4px  
4px #FF03D2 }
```

Background

The CSS property to change the background color of an element to Hex FF03D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF03D2 }
```

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

```
.background{ background-color:#FF03D2 }
```

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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