

Converting Colors

Hex(F023D8)

Have a look what the booklet for
Hex(F023D8) contains.

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Color

Hex(F023D8)

Conversions

Conversions Part 1

Format	Color
Hex	F023D8
RGB	240, 35, 216
RGB Percent	94%, 14%, 85%
CMY	0.0588, 0.8627, 0.1529
CMYK	0.00, 0.85, 0.10, 0.06
HSL	307°, 87%, 54%
HSV	307°, 85%, 94%
XYZ	48.9309, 24.6852, 67.1515
YIQ	116.9290, 64.0790, 99.7510

Conversions

Conversions Part 2

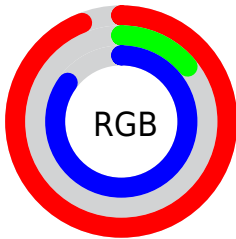
Format	Color
R _{YB}	240, 35, 216
Decimal	15737816
CIE _{Lab}	56.77, 87.08, -44.78
CIE _{LCh}	57, 97.916, 332.786
Yxy	24.6852, 0.3476, 0.1754
Android (android.graphics.Color)	4293927896 (0xFFFF023D8)
YUV	116.9290, 48.8420, 107.9333
Hunter-Lab	49.6842, 88.8462, -45.3555

Details

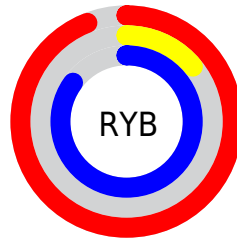
The Hex color **F023D8** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **23F03B**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **FF6EFF**, and **B300A0** is the 20% darker color. If you saturate the color by 10%, you get **F00BD5**, and if you desaturate by 10%, it is **F03BDB**.

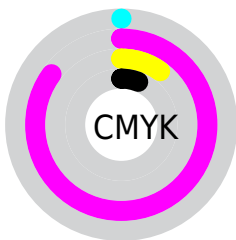
Distribution



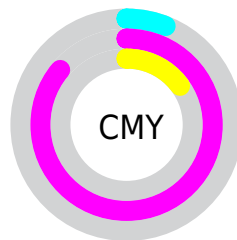
- Red (94%)
- Green (14%)
- Blue (85%)



- Red (94%)
- Yellow (14%)
- Blue (85%)



- Cyan (0%)
- Magenta (85%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (86%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color F023D8 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 F023D8 by changing the saturation by 10% instead.

 F023D8

 F023D8

FFFFFF

 D100BC

 FF6EFF

 B300A0

 FF8EFF

 950086

 FFACFF

 78006C

 FFCBFF

 5B0053

 FFE9FF

 40003B

 210024

 00000B

 000000

 F023D8

 F023D8

 F00BD5

 F03BDB

 F000D4

 F053DE

 F06BE0

 F083E3

 F09BE6

 F0B3E9

 F0CBEC

 F0E3EE

 F0FBF1

Harmonies

Analogous

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



836CFF



F023D8



FF0084

Triad

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



F023D8



9F8800



00AAE4

Complementary

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



F023D8



23F03B

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.



00AA8E



F023D8



409C00

Square

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



F023D8



E16300



00A630



00A5FF

Rectangle

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



F023D8



FF004D



00A630



00ABC9

Sweetspot

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



F023D8



FFBDF7



3B23F0



80587B



000000



808080

Same Dimension

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



F023D8



FF00E1



F02372



786C76



B800A2



380032

Inverse Universe

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



F023D8



FF00E1



23F0A1



786C76



B800A2



380032

Previews

White Background



This preview shows how the Hex color F023D8 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 F023D8 Background



This preview shows how black text looks on a background with the Hex color F023D8.

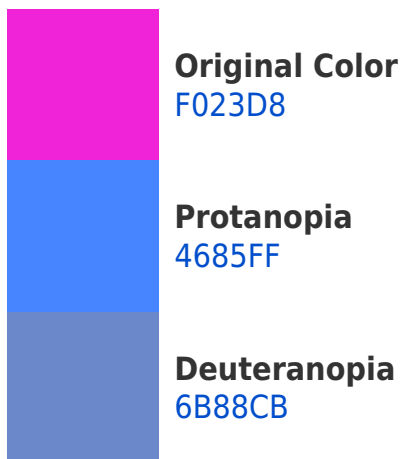



This preview shows how white text looks on a background with the Hex color F023D8.

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
E4595F

Trichromacy



Original Color
F023D8



Protanomaly
8461F1



Deuteranomaly
9B63D0



Tritanomaly
E8458B

Monochromacy



Original Color
F023D8



Achromatopsia
757575



Achromatomaly
A25799

CSS Examples

Text

The CSS property to change the color of the text to Hex F023D8 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 #F023D8 looks like.

```
.text, #text, p{  
    color:#F023D8  
}
```

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 #F023D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F023D8
}
```

Border

The CSS property to change the border of an element to Hex F023D8 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
#F023D8 }
```

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

```
.border{ border-color:#F023D8 }
```

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

Here you see how a box with a 4 pixel #F023D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F023D8; -webkit-box-shadow:4px 4px  
4px 4px #F023D8; box-shadow:4px 4px 4px  
4px #F023D8 }
```

Background

The CSS property to change the background color of an element to Hex F023D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F023D8 }
```

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

```
.background{ background-color:#F023D8 }
```

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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