

Converting Colors

Hex(FD00D6)

Have a look what the booklet for
Hex(FD00D6) contains.

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Color

Hex(FD00D6)

Conversions

Conversions Part 1

Format	Color
Hex	FD00D6
RGB	253, 0, 214
RGB Percent	99%, 0%, 84%
CMY	0.0078, 1.0000, 0.1608
CMYK	0.00, 1.00, 0.15, 0.01
HSL	309°, 100%, 50%
HSV	309°, 100%, 99%
XYZ	52.6456, 25.7377, 65.8115
YIQ	100.0430, 82.0940, 120.1900

Conversions

Conversions Part 2

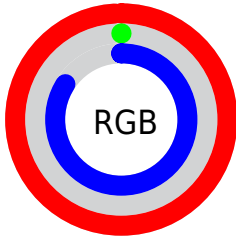
Format	Color
RYB	253, 0, 214
Decimal	16580822
CIELab	57.79, 92.58, -41.88
CIELCh	58, 101.609, 335.658
Yxy	25.7377, 0.3651, 0.1785
Android (android.graphics.Color)	4294770902 (0xFFFD00D6)
YUV	100.0430, 56.1808, 134.1433
Hunter-Lab	50.7323, 96.4503, -41.4001

Details

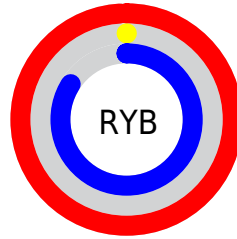
The Hex color **FD00D6** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **00FD27**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **FF67FF**, and **BF009F** is the 20% darker color. If you saturate the color by 10%, you get **FD00D6**, and if you desaturate by 10%, it is **FD19DA**.

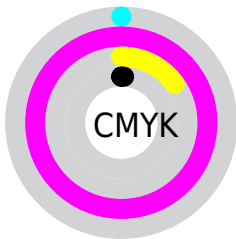
Distribution



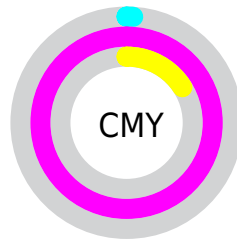
- Red (99%)
- Green (0%)
- Blue (84%)



- Red (99%)
- Yellow (0%)
- Blue (84%)



- Cyan (0%)
- Magenta (100%)
- Yellow (15%)
- Black (1%)



- Cyan (1%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD00D6 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 FD00D6 by changing the saturation by 10% instead.

 FD00D6

 FD00D6

FFFFFF

 DE00BA

 FF67FF

 BF009F

 FF88FF

 A10084

 FFA7FF

 83006A

 FFC6FF

 650052

 FFE5FF

 49003A

 2B0023

 000009

 000000

 FD00D6

 FD19DA

 FD33DE

 FD4CE2

 FD65E6

 FD7FE9

 FD98ED

 FDB1F1

 FDCAF5

 FDE4F9

Harmonies

Analogous

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



9568FF



FD00D6



FF007E

Triad

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



FD00D6



9A8D00



00AEF2

Complementary

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



FD00D6



00FD27

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.



00AE9A



FD00D6



2CA100

Square

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



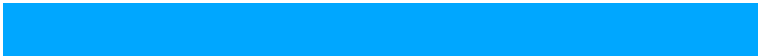
FD00D6



E16800



00AA3A



00A7FF

Rectangle

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



FD00D6



FF0045



00AA3A



00AED6

Sweetspot

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



FD00D6



FFB3F3



2600FD



805278



000000



808080

Same Dimension

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



FD00D6



FF00D8



FD0059



80737E



BF00A2



400036

Inverse Universe

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



FD00D6



FF00D8



00FDA4



80737E



BF00A2



400036

Previews

White Background



This preview shows how the Hex color FD00D6 looks on a white background.

Color Contrast Check

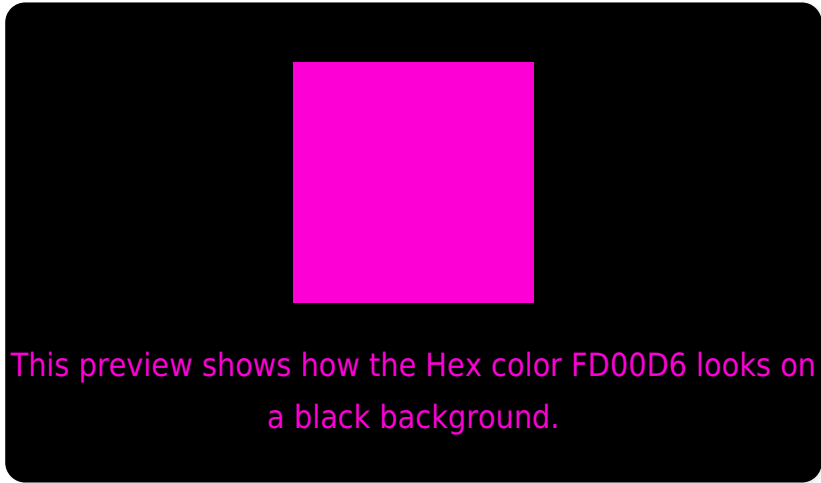
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD00D6 Background



This preview shows how black text looks on a background with the Hex color FD00D6.



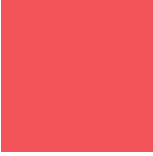
This preview shows how white text looks on a background with the Hex color FD00D6.

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
F25459

Trichromacy



Original Color
FD00D6



Protanomaly
8E57F0



Deuteranomaly
A658CE



Tritanomaly
F63586

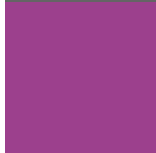
Monochromacy



Original Color
FD00D6



Achromatopsia
646464



Achromatomaly
9C408D

CSS Examples

Text

The CSS property to change the color of the text to Hex FD00D6 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 #FD00D6 looks like.

```
.text, #text, p{  
    color:#FD00D6  
}
```

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 #FD00D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD00D6
}
```

Border

The CSS property to change the border of an element to Hex FD00D6 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
#FD00D6 }
```

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

```
.border{ border-color:#FD00D6 }
```

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

Here you see how a box with a 4 pixel #FD00D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD00D6; -webkit-box-shadow:4px 4px  
4px 4px #FD00D6; box-shadow:4px 4px 4px  
4px #FD00D6 }
```

Background

The CSS property to change the background color of an element to Hex FD00D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD00D6 }
```

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

```
.background{ background-color:#FD00D6 }
```

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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