

Converting Colors

Hex(FD05A9)

Have a look what the booklet for
Hex(FD05A9) contains.

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Color

Hex(FD05A9)

Conversions

Conversions Part 1

Format	Color
Hex	FD05A9
RGB	253, 5, 169
RGB Percent	99%, 2%, 66%
CMY	0.0078, 0.9804, 0.3373
CMYK	0.00, 0.98, 0.33, 0.01
HSL	320°, 98%, 51%
HSV	320°, 98%, 99%
XYZ	47.7237, 23.8558, 39.6254
YIQ	97.8480, 95.1640, 103.5800

Conversions

Conversions Part 2

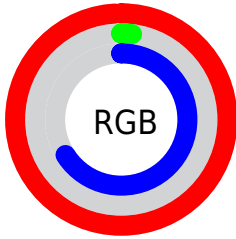
Format	Color
R_{YB}	253, 5, 169
Decimal	16582057
CIE _{Lab}	55.94, 87.31, -18.75
CIE _{LCh}	56, 89.298, 347.878
Yxy	23.8558, 0.4292, 0.2145
Android (android.graphics.Color)	4294772137 (0xFFFD05A9)
YUV	97.8480, 35.0779, 136.0683
Hunter-Lab	48.8424, 88.9377, -13.9119

Details

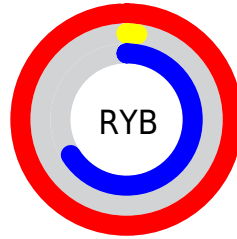
The Hex color **FD05A9** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **05FD59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **FF66E0**, and **BF0075** is the 20% darker color. If you saturate the color by 10%, you get **FD00A7**, and if you desaturate by 10%, it is **FD1EB2**.

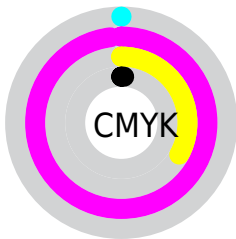
Distribution



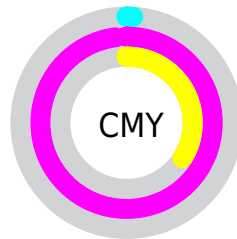
- Red (99%)
- Green (2%)
- Blue (66%)



- Red (99%)
- Yellow (2%)
- Blue (66%)



- Cyan (0%)
- Magenta (98%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (98%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color FD05A9 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 FD05A9 by changing the saturation by 10% instead.

 FD05A9

 FD05A9

FFFFFF

 DE008E

 FF66E0

 BF0075

 FF86FD

 A0005C

 FFA5FF

 810044

 FFC4FF

 63002E

 FFE3FF

 460019

 280001

 000000

 FD05A9

 FD05A9

 FD00A7

 FD1EB2

 FD38BA

 FD51C3

 FD6ACB

 FD84D4

 FD9DDC

 FDB6E5

 FDCFEE

 FDE9F6

Harmonies

Analogous

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



C055F0



FD05A9



FF005C

Triad

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



FD05A9



779100



00A4F9

Complementary

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



FD05A9



05FD59

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.



00A6B4



FD05A9



009E00

Square

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



FD05A9



BD7700



00A463



0099FF

Rectangle

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



FD05A9



FC3B29



00A463



00A5E5

Sweetspot

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



FD05A9



FFB5E6



5805FD



805370



000000



808080

Same Dimension

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



FD05A9



FF00A9



FD052E



80737B



BF007E



40002A

Inverse Universe

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



FD05A9



FF00A9



05FDD4



80737B



BF007E



40002A

Previews

White Background



This preview shows how the Hex color FD05A9 looks on a white background.

Color Contrast Check

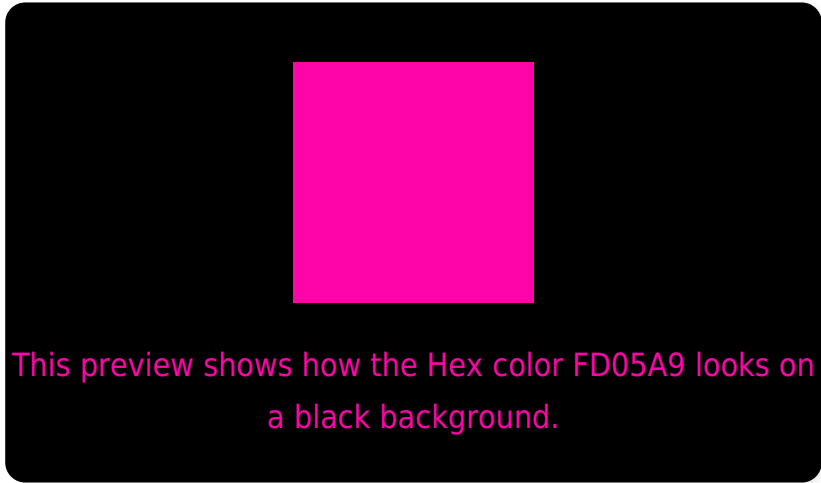
Large Text (above 18pt) WCAG AA ✓ Pass

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 FD05A9 Background



This preview shows how black text looks on a background with the Hex color FD05A9.




This preview shows how white text looks on a background with the Hex color FD05A9.

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
F64345

Trichromacy



Original Color
FD05A9



Protanomaly
9156D7



Deuteranomaly
B356A2



Tritanomaly
F92C69

Monochromacy



Original Color
FD05A9



Achromatopsia
626262



Achromatomaly
9A407C

CSS Examples

Text

The CSS property to change the color of the text to Hex FD05A9 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 #FD05A9 looks like.

```
.text, #text, p{  
    color:#FD05A9  
}
```

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 #FD05A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FD05A9
}
```

Border

The CSS property to change the border of an element to Hex FD05A9 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
#FD05A9 }
```

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

```
.border{ border-color:#FD05A9 }
```

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

Here you see how a box with a 4 pixel #FD05A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FD05A9; -webkit-box-shadow:4px 4px  
4px 4px #FD05A9; box-shadow:4px 4px 4px  
4px #FD05A9 }
```

Background

The CSS property to change the background color of an element to Hex FD05A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FD05A9 }
```

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

```
.background{ background-color:#FD05A9 }
```

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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