

# Converting Colors

Hex(FA0DD2)

Have a look what the booklet for  
Hex(FA0DD2) contains.

<b>Hex(FA0DD2)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(FA0DD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	FA0DD2
RGB	250, 13, 210
RGB Percent	98%, 5%, 82%
CMY	0.0196, 0.9490, 0.1765
CMYK	0.00, 0.95, 0.16, 0.02
HSL	310°, 96%, 52%
HSV	310°, 95%, 98%
XYZ	51.2011, 25.2650, 63.1508
YIQ	106.3210, 78.0150, 111.5110

# Conversions

## Conversions Part 2

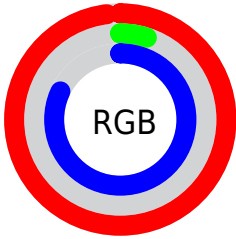
Format	Color
<a href="#">RYB</a>	<a href="#">250, 13, 210</a>
Decimal	<a href="#">16387538</a>
CIELab	<a href="#">57.33, 90.74, -40.35</a>
CIELCh	<a href="#">57, 99.313, 336.025</a>
Yxy	<a href="#">25.2650, 0.3667, 0.1810</a>
Android (android.graphics.Color)	<a href="#">4294577618 (0xFFFA0DD2)</a>
YUV	<a href="#">106.3210, 51.1137, 126.0065</a>
Hunter-Lab	<a href="#">50.2643, 93.8644, -39.3055</a>

# Details

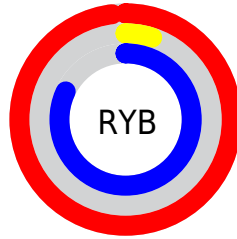
The Hex color **FA0DD2** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **0DFA35**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **FF69FF**, and **BC009B** is the 20% darker color. If you saturate the color by 10%, you get **FA00D0**, and if you desaturate by 10%, it is **FA26D6**.

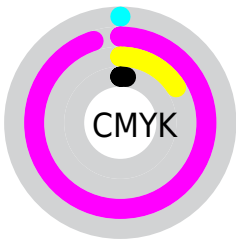
# Distribution



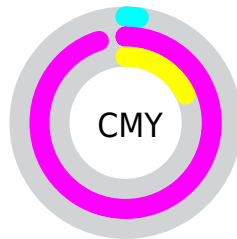
- Red (98%)
- Green (5%)
- Blue (82%)



- Red (98%)
- Yellow (5%)
- Blue (82%)



- Cyan (0%)
- Magenta (95%)
- Yellow (16%)
- Black (2%)



- Cyan (2%)
- Magenta (95%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color FA0DD2 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 FA0DD2 by changing the saturation by 10% instead.



 FA0DD2

 FA0DD2

FFFFFF

 DB00B6

 FF69FF

 BC009B

 FF89FF

 9E0080

 FFA8FF

 800067

 FFC7FF

 63004E

 FFE6FF

 470037

 290020

 000003

 000000

 FA0DD2

 FA0DD2

 FA00D0

 FA26D6

 FA3FDA

 FA58DF

 FA71E3

 FA8AE7

 FAA3EB

 FABCF0

 FAD5F4

 FAEEF8

# Harmonies

## Analogous

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



9667FF



FA0DD2



FF007D

# Triad

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



FA0DD2



988C00



00ACEF

# Complementary

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



FA0DD2



0DFA35

# 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.



00AC9A



FA0DD2



2D9F00

# Square

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



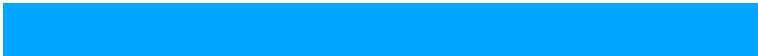
FA0DD2



DD6900



00A83C



00A5FF

# Rectangle

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



FA0DD2



FF0044



00A83C



00ADD4



# Sweetspot

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



FA0DD2



FFB8F3



340DFA



805478



000000



808080



# Same Dimension

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



FA0DD2



FF00D4



FA0D5C



7D707B



BD009D



3D0033



# Inverse Universe

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



FA0DD2



FF00D4



0DFAAB



7D707B



BD009D



3D0033



# Previews

## White Background



This preview shows how the Hex color FA0DD2 looks on a white background.

## Color Contrast Check

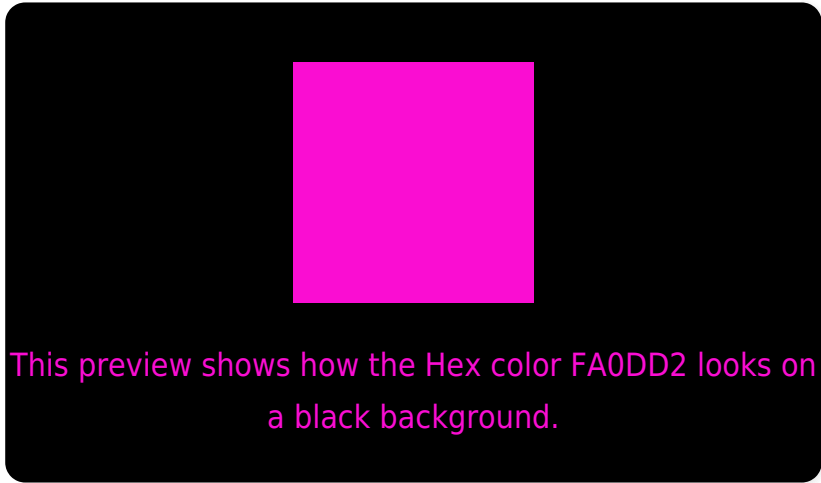
Large Text (above 18pt) WCAG AA ✓ Pass

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 FA0DD2 Background



This preview shows how black text looks on a background with the Hex color FA0DD2.

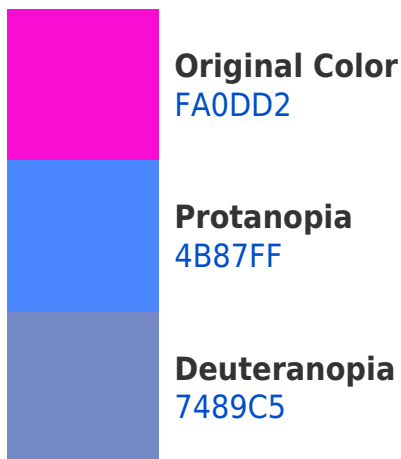


This preview shows how white text looks on a background with the Hex color FA0DD2.

# 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





# Trichromacy



**Original Color**  
FA0DD2



**Protanomaly**  
8B5BEF



**Deuteranomaly**  
A55CCA



**Tritanomaly**  
F33A84

# Monochromacy



**Original Color**  
FA0DD2



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
9E4890

# CSS Examples

## Text

The CSS property to change the color of the text to Hex FA0DD2 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 #FA0DD2 looks like.

```
.text, #text, p{  
    color:#FA0DD2  
}
```

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 #FA0DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA0DD2
}
```

## Border

The CSS property to change the border of an element to Hex FA0DD2 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
#FA0DD2 }
```

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

```
.border{ border-color:#FA0DD2 }
```

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

Here you see how a box with a 4 pixel #FA0DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA0DD2; -webkit-box-shadow:4px 4px  
4px 4px #FA0DD2; box-shadow:4px 4px 4px  
4px #FA0DD2 }
```

# Background

The CSS property to change the background color of an element to Hex FA0DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA0DD2 }
```

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

```
.background{ background-color:#FA0DD2 }
```

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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