

Converting Colors

Hex(FF42DD)

Have a look what the booklet for
Hex(FF42DD) contains.

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Color

Hex(F42DD)

Conversions

Conversions Part 1

Format	Color
Hex	FF42DD
RGB	255, 66, 221
RGB Percent	100%, 26%, 87%
CMY	0.0000, 0.7412, 0.1333
CMYK	0.00, 0.74, 0.13, 0.00
HSL	311°, 100%, 63%
HSV	311°, 74%, 100%
XYZ	56.2394, 30.3769, 71.3058
YIQ	140.1810, 62.8890, 88.2730

Conversions

Conversions Part 2

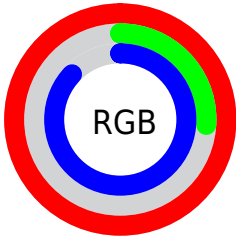
Format	Color
R _Y B	255, 66, 221
Decimal	16728797
CIE Lab	61.98, 83.65, -39.24
CIE LCh	62, 92.395, 334.871
Yxy	30.3769, 0.3561, 0.1924
Android (android.graphics.Color)	4294918877 (0xFFFF42DD)
YUV	140.1810, 39.8438, 100.6963
Hunter-Lab	55.1152, 85.6890, -38.1263

Details

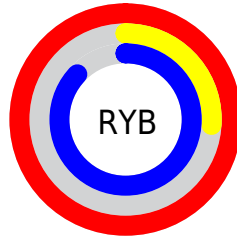
The Hex color **FF42DD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **42FF64**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF83FF**, and **C200A5** is the 20% darker color. If you saturate the color by 10%, you get **FF28D8**, and if you desaturate by 10%, it is **FF5BE2**.

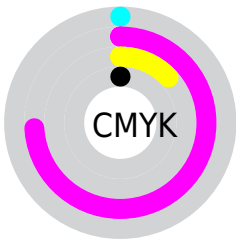
Distribution



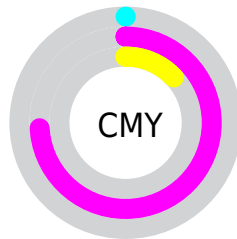
- Red (100%)
- Green (26%)
- Blue (87%)



- Red (100%)
- Yellow (26%)
- Blue (87%)



- Cyan (0%)
- Magenta (74%)
- Yellow (13%)
- Black (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF42DD 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 FF42DD by changing the saturation by 10% instead.

 FF42DD

 FF42DD

FFFFFF

 E011C1

 FF83FF

 C200A5

 FFA1FF

 A4008B

 FFC0FF

 870071

 FFDEFF

 6A0058

 FFFCFF

 4E0040

 310029

 060012

 000000

 FF42DD

 FF42DD

 FF28D8

 FF5BE2

 FF0FD4

 FF75E6

 FF00D1

 FF8FEB

 FFA8EF

 FFC2F4

 FFDBF9

 FFF4FD

FFFFFF

Harmonies

Analogous

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



A078FF



FF42DD



FF0A8C

Triad

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



FF42DD



AA9700



00B8F2

Complementary

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



FF42DD



42FF64

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.



00B8A1



FF42DD



50AA00

Square

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



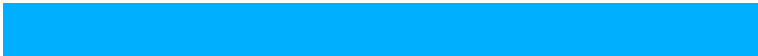
FF42DD



EB7600



00B44A



00B0FF

Rectangle

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



FF42DD



FF3057



00B44A



00B8D9

Sweetspot

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



FF42DD



FFC7F5



6142FF



805E7A



000000



808080

Same Dimension

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



FF42DD



FF1CD6



FF4281



80737D



BF009D



400034

Inverse Universe

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



FF42DD



FF1CD6



42FFC0



80737D



BF009D



400034

Previews

White Background



This preview shows how the Hex color FF42DD looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF42DD Background



This preview shows how black text looks on a background with the Hex color FF42DD.

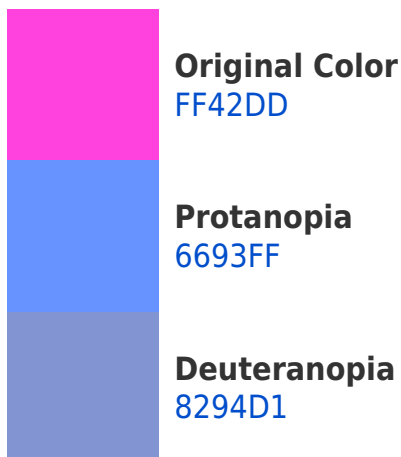


This preview shows how white text looks on a background with the Hex color FF42DD.

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
F4676E

Trichromacy



Original Color
FF42DD



Protanomaly
9E76F3



Deuteranomaly
AF76D5



Tritanomaly
F85A96

Monochromacy



Original Color
FF42DD



Achromatopsia
8C8C8C



Achromatomaly
B671A9

CSS Examples

Text

The CSS property to change the color of the text to Hex FF42DD 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 #FF42DD looks like.

```
.text, #text, p{  
    color:#FF42DD  
}
```

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 #FF42DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF42DD }  
}
```

Border

The CSS property to change the border of an element to Hex FF42DD 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 #FF42DD }  
}
```

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

```
.border{ border-color:#FF42DD }
```

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

Here you see how a box with a 4 pixel #FF42DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF42DD; -webkit-box-shadow:4px 4px  
4px 4px #FF42DD; box-shadow:4px 4px 4px  
4px #FF42DD }
```

Background

The CSS property to change the background color of an element to Hex FF42DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF42DD }
```

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

```
.background{ background-color:#FF42DD }
```

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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