

Converting Colors

Hex(FF42B1)

Have a look what the booklet for
Hex(FF42B1) contains.

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Color

Hex(F42B1)

Conversions

Conversions Part 1

Format	Color
Hex	FF42B1
RGB	255, 66, 177
RGB Percent	100%, 26%, 69%
CMY	0.0000, 0.7412, 0.3059
CMYK	0.00, 0.74, 0.31, 0.00
HSL	325°, 100%, 63%
HSV	325°, 74%, 100%
XYZ	51.1240, 28.3308, 44.3688
YIQ	135.1650, 77.0130, 74.5890

Conversions

Conversions Part 2

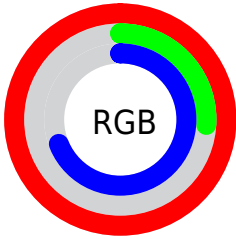
Format	Color
R_{YB}	255, 66, 177
Decimal	16728753
CIE _{Lab}	60.19, 78.24, -16.92
CIE _{LCh}	60, 80.048, 347.798
Yxy	28.3308, 0.4129, 0.2288
Android (android.graphics.Color)	4294918833 (0xFFFF42B1)
YUV	135.1650, 20.6247, 105.0953
Hunter-Lab	53.2266, 78.3021, -12.1645

Details

The Hex color **FF42B1** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **42FF90**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **FF82E9**, and **C1007C** is the 20% darker color. If you saturate the color by 10%, you get **FF28A6**, and if you desaturate by 10%, it is **FF5BBC**.

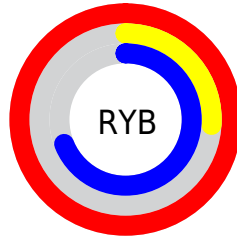
Distribution



Red (100%)

Green (26%)

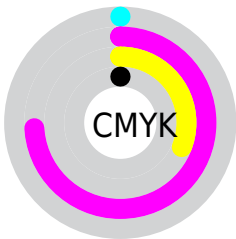
Blue (69%)



Red (100%)

Yellow (26%)

Blue (69%)

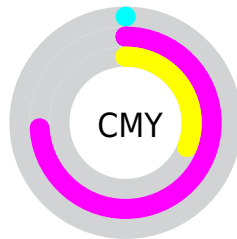


Cyan (0%)

Magenta (74%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF42B1 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 FF42B1 by changing the saturation by 10% instead.

 FF42B1

 FF42B1

FFFFFF

 E01496

 FF82E9

 C1007C

 FFA0FF

 A30063

 FFBEFF

 85004B

 FFDCFF

 680035

 FFFAFF

 4D0020

 2F0002

 000000

 FF42B1

 FF42B1

 FF28A6

 FF5BBC

 FF0F9C

 FF75C6

 FF0096

 FF8FD1

 FFA8DB

 FFC2E6

 FFDBF0

 FFF4FB

FFFFFF

Harmonies

Analogous

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



C768F1



FF42B1



FF3F6B

Triad

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



FF42B1



889B00



00ADF9

Complementary

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



FF42B1



42FF90

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.



00B0BA



FF42B1



1EA824

Square

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



FF42B1



C78400



00AE71



00A2FF

Rectangle

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



FF42B1



FF563E



00AE71



00AFE6

Sweetspot

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



FF42B1



FFC7E8



8E42FF



805E72



000000



808080

Same Dimension

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



FF42B1



FF1CA1



FF4255



80737A



BF0070



400025

Inverse Universe

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



FF42B1



FF1CA1



42FFEC



80737A



BF0070



400025

Previews

White Background



This preview shows how the Hex color FF42B1 looks on a white background.

Color Contrast Check

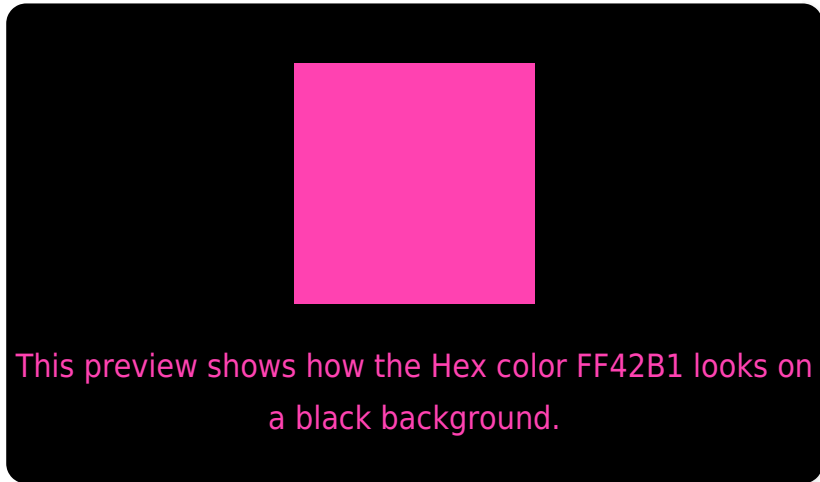
Large Text (above 18pt) WCAG AA ✓ Pass

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 FF42B1 Background



This preview shows how black text looks on a background with the Hex color FF42B1.



This preview shows how white text looks on a background with the Hex color FF42B1.

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
F95A5F

Trichromacy



Original Color
FF42B1



Protanomaly
A372D4



Deuteranomaly
BC72AB



Tritanomaly
FB517D

Monochromacy



Original Color
FF42B1



Achromatopsia
878787



Achromatomaly
B36E96

CSS Examples

Text

The CSS property to change the color of the text to Hex FF42B1 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 #FF42B1 looks like.

```
.text, #text, p{  
    color:#FF42B1  
}
```

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 #FF42B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF42B1
}
```

Border

The CSS property to change the border of an element to Hex FF42B1 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
#FF42B1 }
```

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

```
.border{ border-color:#FF42B1 }
```

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

Here you see how a box with a 4 pixel #FF42B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF42B1; -webkit-box-shadow:4px 4px  
4px 4px #FF42B1; box-shadow:4px 4px 4px  
4px #FF42B1 }
```

Background

The CSS property to change the background color of an element to Hex FF42B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF42B1 }
```

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

```
.background{ background-color:#FF42B1 }
```

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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