

Converting Colors

Hex(FF42E0)

Have a look what the booklet for
Hex(FF42E0) contains.

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Color

Hex(F42E0)

Conversions

Conversions Part 1

Format	Color
Hex	FF42E0
RGB	255, 66, 224
RGB Percent	100%, 26%, 88%
CMY	0.0000, 0.7412, 0.1216
CMYK	0.00, 0.74, 0.12, 0.00
HSL	310°, 100%, 63%
HSV	310°, 74%, 100%
XYZ	56.6428, 30.5382, 73.4301
YIQ	140.5230, 61.9260, 89.2060

Conversions

Conversions Part 2

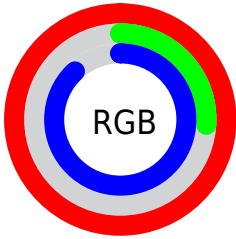
Format	Color
R _Y B	255, 66, 224
Decimal	16728800
CIE Lab	62.12, 84.06, -40.71
CIE LCh	62, 93.395, 334.161
Yxy	30.5382, 0.3527, 0.1901
Android (android.graphics.Color)	4294918880 (0xFFFF42E0)
YUV	140.5230, 41.1542, 100.3963
Hunter-Lab	55.2614, 86.2544, -40.1002

Details

The Hex color **FF42E0** 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 **42FF61**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **FF83FF**, and **C200A8** is the 20% darker color. If you saturate the color by 10%, you get **FF28DC**, and if you desaturate by 10%, it is **FF5BE4**.

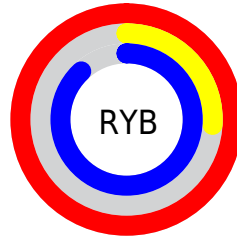
Distribution



Red (100%)

Green (26%)

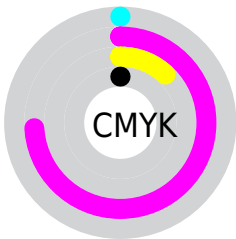
Blue (88%)



Red (100%)

Yellow (26%)

Blue (88%)

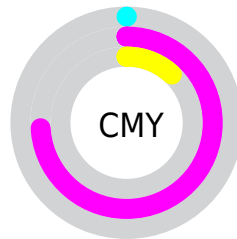


Cyan (0%)

Magenta (74%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF42E0 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 FF42E0 by changing the saturation by 10% instead.

 FF42E0

 FF42E0

FFFFFF

 E010C4

 FF83FF

 C200A8

 FFA1FF

 A4008D

 FFC0FF

 870073

 FFDEFF

 6A005A

 FFFDFD

 4E0042

 31002B

 070015

 000000

 FF42E0

 FF42E0

 FF28DC

 FF5BE4

 FF0FD8

 FF75E8

 FF00D5

 FF8FED

 FFA8F1

 FFC2F5

 FFDBF9

 FFF4FD

FFFFFF

Harmonies

Analogous

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



9D79FF



FF42E0



FF008E

Triad

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



FF42E0



AC9700



00B8F2

Complementary

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



FF42E0



42FF61

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.



00B9A0



FF42E0



52AB00

Square

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



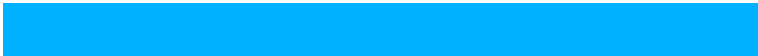
FF42E0



ED7500



00B448



00B1FF

Rectangle

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



FF42E0



FF2B58



00B448



00B9D8

Sweetspot

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



FF42E0



FFC7F6



5E42FF



805E7A



000000



808080

Same Dimension

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



FF42E0



FF1CDA



FF4284



80737D



BF00A0



400035

Inverse Universe

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



FF42E0



FF1CDA



42FFBD



80737D



BF00A0



400035

Previews

White Background



This preview shows how the Hex color FF42E0 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

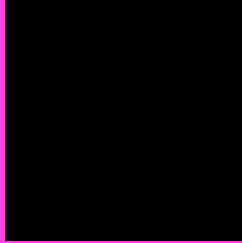
Any Text WCAG AA ✓ Pass

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 FF42E0 Background



This preview shows how black text looks on a background with the Hex color FF42E0.




This preview shows how white text looks on a background with the Hex color FF42E0.

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
F4686F

Trichromacy



Original Color
FF42E0



Protanomaly
9E76F4



Deuteranomaly
AE77D8

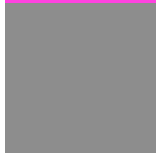


Tritanomaly
F85A98

Monochromacy



Original Color
FF42E0



Achromatopsia
8D8D8D



Achromatomaly
B672AB

CSS Examples

Text

The CSS property to change the color of the text to Hex FF42E0 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 #FF42E0 looks like.

```
.text, #text, p{  
    color:#FF42E0  
}
```

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 #FF42E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF42E0
}
```

Border

The CSS property to change the border of an element to Hex FF42E0 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
#FF42E0 }
```

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

```
.border{ border-color:#FF42E0 }
```

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

Here you see how a box with a 4 pixel #FF42E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF42E0; -webkit-box-shadow:4px 4px  
4px 4px #FF42E0; box-shadow:4px 4px 4px  
4px #FF42E0 }
```

Background

The CSS property to change the background color of an element to Hex FF42E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF42E0 }
```

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

```
.background{ background-color:#FF42E0 }
```

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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