

# Converting Colors

Hex(E42FDC)

Have a look what the booklet for  
Hex(E42FDC) contains.

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**Color**

**Hex(E42FDC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E42FDC
RGB	228, 47, 220
RGB Percent	89%, 18%, 86%
CMY	0.1059, 0.8157, 0.1373
CMYK	0.00, 0.79, 0.04, 0.11
HSL	303°, 77%, 54%
HSV	303°, 79%, 89%
XYZ	45.9297, 23.6943, 69.8628
YIQ	120.8410, 52.3430, 92.1750

# Conversions

## Conversions Part 2

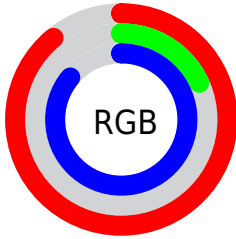
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 47, 220
Decimal	14954460
CIE Lab	55.78, 82.96, -48.74
CIE LCh	56, 96.223, 329.566
Yxy	23.6943, 0.3293, 0.1699
Android (android.graphics.Color)	4293144540 (0xFFE42FDC)
YUV	120.8410, 48.8854, 93.9784
Hunter-Lab	48.6768, 83.2418, -51.0215

# Details

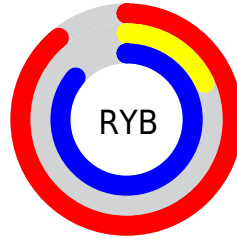
The Hex color **E42FDC** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2FE437**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **FF73FF**, and **A800A4** is the 20% darker color. If you saturate the color by 10%, you get **E418DB**, and if you desaturate by 10%, it is **E446DD**.

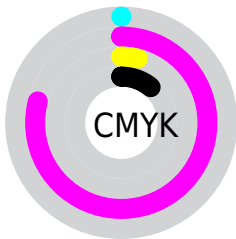
# Distribution



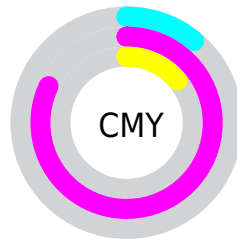
- Red (89%)
- Green (18%)
- Blue (86%)



- Red (89%)
- Yellow (18%)
- Blue (86%)



- Cyan (0%)
- Magenta (79%)
- Yellow (4%)
- Black (11%)



- Cyan (11%)
- Magenta (82%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E42FDC 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 E42FDC by changing the saturation by 10% instead.



 E42FDC

 E42FDC

FFFFFF

 C600C0

 FF73FF

 A800A4

 FF91FF

 8B0089

 FFAFFF

 6E006F

 FFCDFD

 510056

 FFECFF

 36003E

 150027

 000110

 000000

 E42FDC

 E42FDC

 E418DB

 E446DD

 E401DA

 E45DDE

 E400DA

 E473DF

 E48AE0

 E4A1E1

 E4B8E2

 E4CFE3

 E4E5E4

 E4FCE5

# Harmonies

## Analogous

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



6C6FFF



E42FDC



FF008B

# Triad

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



E42FDC



A48200



00A7D7

# Complementary

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



E42FDC



2FE437

# 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.



00A682



E42FDC



4D9800

# Square

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



E42FDC



E25C00



00A224



00A3FF

# Rectangle

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



E42FDC



FF0054



00A224



00A7BC



# Sweetspot

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



E42FDC



FFC2FC



352FE4



805B7E



000000



808080



# Same Dimension

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



E42FDC



FF0DF4



E42F83



736772



B300AB



330031



# Inverse Universe

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



E42FDC



FF0DF4



2FE490



736772



B300AB

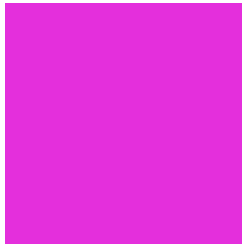


330031



# Previews

## White Background



This preview shows how the Hex color E42FDC 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

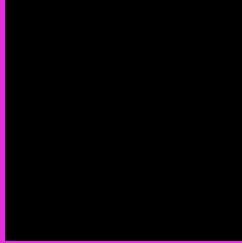
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex E42FDC Background



This preview shows how black text looks on a background with the Hex color E42FDC.



This preview shows how white text looks on a background with the Hex color E42FDC.

# 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**  
D75F65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E42FDC 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 #E42FDC looks like.

```
.text, #text, p{  
    color:#E42FDC  
}
```

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 #E42FDC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E42FDC  
}
```

## Border

The CSS property to change the border of an element to Hex E42FDC is called "border". The border property can be set on classes, ids or directly on the HTML element.

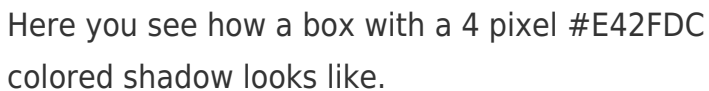
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E42FDC }
```

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

```
.border{ border-color:#E42FDC }
```

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



Here you see how a box with a 4 pixel #E42FDC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E42FDC; -webkit-box-shadow:4px 4px  
4px 4px #E42FDC; box-shadow:4px 4px 4px  
4px #E42FDC }
```

# Background

The CSS property to change the background color of an element to Hex E42FDC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E42FDC }
```

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

```
.background{ background-color:#E42FDC }
```

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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