

Converting Colors

Hex(EB42E3)

Have a look what the booklet for
Hex(EB42E3) contains.

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Color

Hex(EB42E3)

Conversions

Conversions Part 1

Format	Color
Hex	EB42E3
RGB	235, 66, 227
RGB Percent	92%, 26%, 89%
CMY	0.0784, 0.7412, 0.1098
CMYK	0.00, 0.72, 0.03, 0.08
HSL	303°, 81%, 59%
HSV	303°, 72%, 92%
XYZ	50.0743, 27.1046, 75.2656
YIQ	134.8850, 49.0430, 85.8990

Conversions

Conversions Part 2

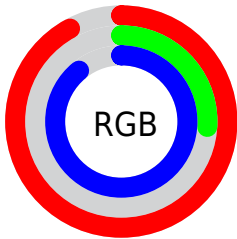
Format	Color
R _Y B	235, 66, 227
Decimal	15418083
CIE Lab	59.07, 80.24, -47.41
CIE LCh	59, 93.201, 329.427
Yxy	27.1046, 0.3285, 0.1778
Android (android.graphics.Color)	4293608163 (0xFFEB42E3)
YUV	134.8850, 45.4127, 87.8009
Hunter-Lab	52.0621, 80.5758, -49.2713

Details

The Hex color **EB42E3** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **42EB4A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **FF81FF**, and **AF00AB** is the 20% darker color. If you saturate the color by 10%, you get **EB2BE2**, and if you desaturate by 10%, it is **EB5AE4**.

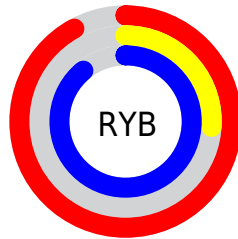
Distribution



Red (92%)

Green (26%)

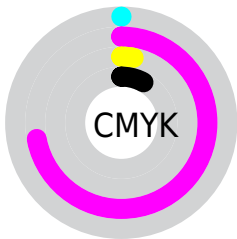
Blue (89%)



Red (92%)

Yellow (26%)

Blue (89%)

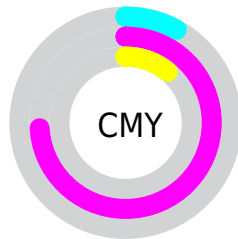


Cyan (0%)

Magenta (72%)

Yellow (3%)

Black (8%)



Cyan (8%)

Magenta (74%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB42E3 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 EB42E3 by changing the saturation by 10% instead.

 EB42E3

 EB42E3

FFFFFF

 CD16C7

 FF81FF

 AF00AB

 FF9FFF

 920090

 FFBCFF

 750076

 FFDAFF

 58005C

 FFF9FF

 3E0044

 20002D

 000117

 000000

 EB42E3

 EB42E3

 EB2BE2

 EB5AE4

 EB13E1

 EB71E5

 EB00E0

 EB89E6

 EBA0E7

 EBB8E9

 EBCFEA

 EBE7EB

 EBFEEC

 EBFFED

Harmonies

Analogous

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



7979FF



EB42E3



FF0094

Triad

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



EB42E3



AE8B00



00B0DD

Complementary

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



EB42E3



42EB4A

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.



00AF8A



EB42E3



5BA000

Square

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



EB42E3



EB6600



00AB31



00ABFF

Rectangle

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



EB42E3



FF025E



00AB31



00B0C3

Sweetspot

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



EB42E3



FFC7FC



4842EB



805E7E



000000



808080

Same Dimension

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



EB42E3



FF24F5



EB4291



756A75



B500AC



360033

Inverse Universe

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



EB42E3



FF24F5



42EB9C



756A75



B500AC



360033

Previews

White Background



This preview shows how the Hex color EB42E3 looks on a white background.

Color Contrast Check

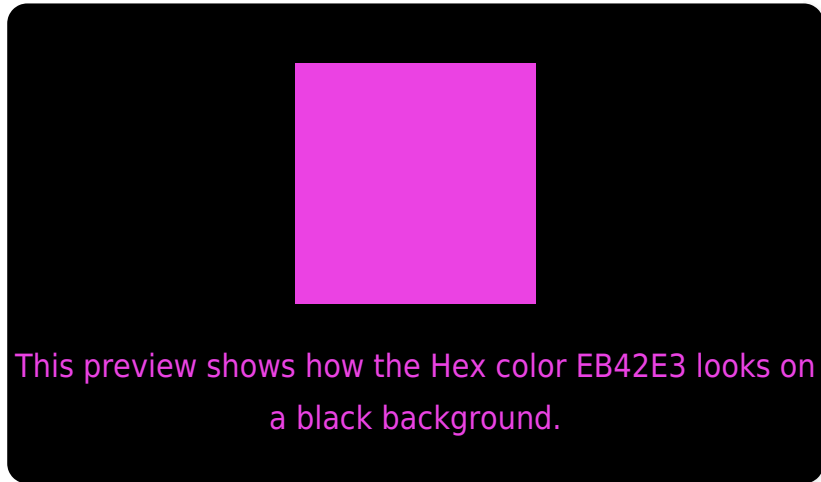
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB42E3 Background



This preview shows how black text looks on a background with the Hex color EB42E3.

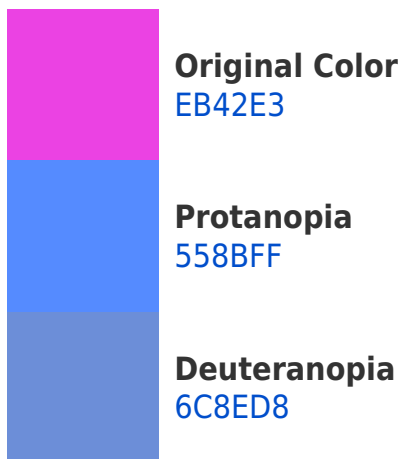


This preview shows how white text looks on a background with the Hex color EB42E3.

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
DF6970

Trichromacy



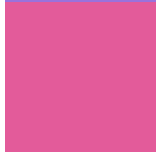
Original Color
EB42E3



Protanomaly
8C70F5



Deuteranomaly
9A72DC



Tritanomaly
E35B9A

Monochromacy



Original Color
EB42E3



Achromatopsia
878787



Achromatomaly
AB6EA8

CSS Examples

Text

The CSS property to change the color of the text to Hex EB42E3 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 #EB42E3 looks like.

```
.text, #text, p{  
    color:#EB42E3  
}
```

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 #EB42E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB42E3
}
```

Border

The CSS property to change the border of an element to Hex EB42E3 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
#EB42E3 }
```

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

```
.border{ border-color:#EB42E3 }
```

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

Here you see how a box with a 4 pixel #EB42E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB42E3; -webkit-box-shadow:4px 4px  
4px 4px #EB42E3; box-shadow:4px 4px 4px  
4px #EB42E3 }
```

Background

The CSS property to change the background color of an element to Hex EB42E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB42E3 }
```

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

```
.background{ background-color:#EB42E3 }
```

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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