

Converting Colors

Hex(EB2FCD)

Have a look what the booklet for
Hex(EB2FCD) contains.

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Color

Hex(EB2FCD)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB2FCD |
| RGB | 235, 47, 205 |
| RGB Percent | 92%, 18%, 80% |
| CMY | 0.0784, 0.8157, 0.1961 |
| CMYK | 0.00, 0.80, 0.13, 0.08 |
| HSL | 310°, 82%, 55% |
| HSV | 310°, 80%, 92% |
| XYZ | 46.2969, 24.1030, 59.9698 |
| YIQ | 121.2240, 61.3300, 88.9940 |

Conversions

Conversions Part 2

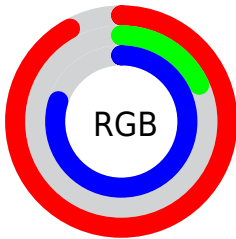
| Format | Color |
|-------------------------------------|--|
| RYB | 235, 47, 205 |
| Decimal | 15413197 |
| CIELab | 56.19, 82.24, -39.47 |
| CIELCh | 56, 91.222, 334.359 |
| Yxy | 24.1030, 0.3551, 0.1849 |
| Android (android.graphics.Color) | 4293603277 (0xFFEB2FCD) |
| YUV | 121.2240, 41.3016, 99.7816 |
| Hunter-Lab | 49.0948, 82.4116, -38.0571 |

Details

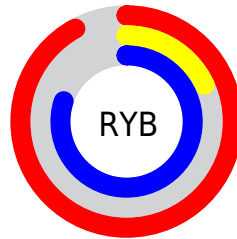
The Hex color **EB2FCD** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **2FEB4D**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF73FF**, and **AF0096** is the 20% darker color. If you saturate the color by 10%, you get **EB17C9**, and if you desaturate by 10%, it is **EB47D1**.

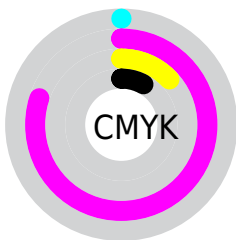
Distribution



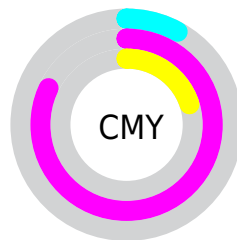
- Red (92%)
- Green (18%)
- Blue (80%)



- Red (92%)
- Yellow (18%)
- Blue (80%)



- Cyan (0%)
- Magenta (80%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (82%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB2FCD 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 EB2FCD by changing the saturation by 10% instead.

 EB2FCD

 EB2FCD

FFFFFF

 CD00B1

 FF73FF

 AF0096

 FF92FF

 91007C

 FFB0FF

 740063

 FFCEFF

 57004A

 FFECEFF

 3C0033

 1D001D

 000000

 EB2FCD

 EB2FCD

 EB17C9

 EB47D1

 EB00C6

 EB5ED5

 EB76D8

 EB8DDC

 EBA4E0

 EBBCE4

 EBD3E7

 EBEBEB

 EBFFEF

Harmonies

Analogous

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



8C6BFF



EB2FCD



FF007F

Triad

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



EB2FCD



9A8800



00A7DF

Complementary

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



EB2FCD



2FEB4D

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.



00A791



EB2FCD



419A00

Square

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



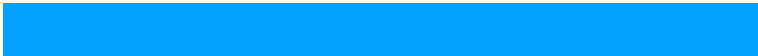
EB2FCD



D86700



00A33B



00A1FF

Rectangle

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



EB2FCD



FF0E4B



00A33B



00A7C7

Sweetspot

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



EB2FCD



FFC2F5



4B2FEB



805B7A



000000



808080

Same Dimension

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



EB2FCD



FF0AD8



EB2F71



756A73



B50098



36002D

Inverse Universe

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



EB2FCD



FF0AD8



2FEBA9



756A73



B50098



36002D

Previews

White Background



This preview shows how the Hex color EB2FCD looks on a white background.

Color Contrast Check

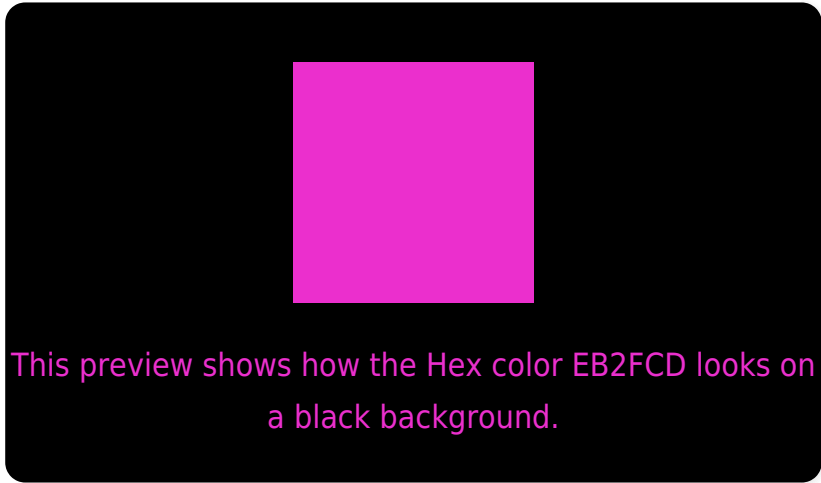
Large Text (above 18pt) WCAG AA ✓ Pass

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

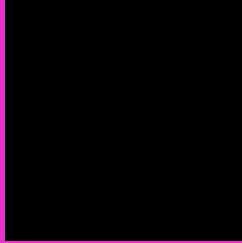
Any Text WCAG AA ✓ Pass

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 EB2FCD Background



This preview shows how black text looks on a background with the Hex color EB2FCD.

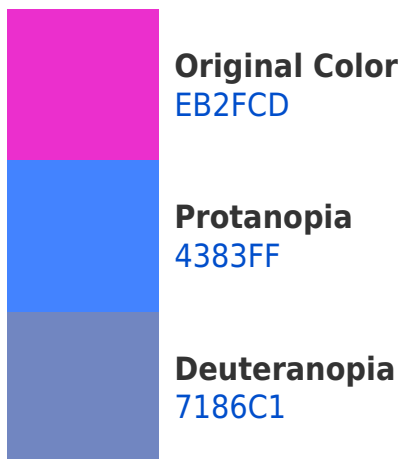



This preview shows how white text looks on a background with the Hex color EB2FCD.

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
E1595F

Trichromacy



Original Color
EB2FCD



Protanomaly
8064ED



Deuteranomaly
9D66C5



Tritanomaly
E54A87

Monochromacy



Original Color
EB2FCD



Achromatopsia
797979



Achromatomaly
A25E98

CSS Examples

Text

The CSS property to change the color of the text to Hex EB2FCD 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 #EB2FCD looks like.

```
.text, #text, p{  
    color:#EB2FCD  
}
```

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 #EB2FCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB2FCD
}
```

Border

The CSS property to change the border of an element to Hex EB2FCD 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
#EB2FCD }
```

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

```
.border{ border-color:#EB2FCD }
```

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

Here you see how a box with a 4 pixel #EB2FCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB2FCD; -webkit-box-shadow:4px 4px  
4px 4px #EB2FCD; box-shadow:4px 4px 4px  
4px #EB2FCD }
```

Background

The CSS property to change the background color of an element to Hex EB2FCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB2FCD }
```

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

```
.background{ background-color:#EB2FCD }
```

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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