

Converting Colors

Hex(EB2CE1)

Have a look what the booklet for
Hex(EB2CE1) contains.

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Color

Hex(**EB2CE1**)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EB2CE1 |
| RGB | 235, 44, 225 |
| RGB Percent | 92%, 17%, 88% |
| CMY | 0.0784, 0.8275, 0.1176 |
| CMYK | 0.00, 0.81, 0.04, 0.08 |
| HSL | 303°, 83%, 55% |
| HSV | 303°, 81%, 92% |
| XYZ | 48.7522, 24.8998, 73.4708 |
| YIQ | 121.7430, 55.7350, 96.7830 |

Conversions

Conversions Part 2

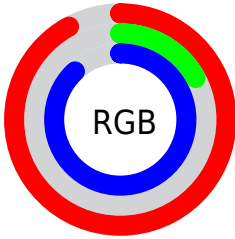
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 235, 44, 225 |
| Decimal | 15412449 |
| CIE _{Lab} | 56.98, 85.68, -49.60 |
| CIE _{LCh} | 57, 99.002, 329.936 |
| Yxy | 24.8998, 0.3314, 0.1692 |
| Android (android.graphics.Color) | 4293602529 (0xFFEB2CE1) |
| YUV | 121.7430, 50.9057, 99.3264 |
| Hunter-Lab | 49.8997, 87.0710, -52.3670 |

Details

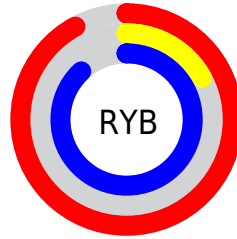
The Hex color **EB2CE1** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **2CEB36**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **FF73FF**, and **AF00A9** is the 20% darker color. If you saturate the color by 10%, you get **EB14E0**, and if you desaturate by 10%, it is **EB43E2**.

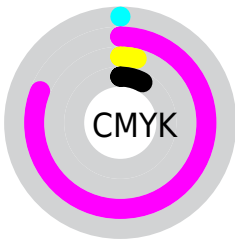
Distribution



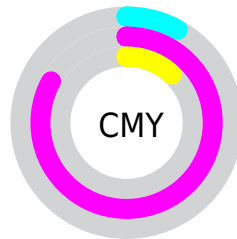
- Red (92%)
- Green (17%)
- Blue (88%)



- Red (92%)
- Yellow (17%)
- Blue (88%)



- Cyan (0%)
- Magenta (81%)
- Yellow (4%)
- Black (8%)



- Cyan (8%)
- Magenta (83%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB2CE1 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 EB2CE1 by changing the saturation by 10% instead.

 EB2CE1

 EB2CE1

FFFFFF

 CD00C5

 FF73FF

 AF00A9

 FF91FF

 91008E

 FFBOFF

 740074

 FFCEFF

 57005A

 FFECFF

 3C0042

 1D002B

 000115

 000000

 EB2CE1

 EB2CE1

 EB14E0

 EB43E2

 EB00DF

 EB5BE3

 EB72E5

 EB8AE6

 EBA1E7

 EBB9E8

 EBD0EA

 EBE8EB

 EBFFEC

Harmonies

Analogous

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



7071FF



EB2CE1



FF008D

Triad

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



EB2CE1



A78600



00ABDE

Complementary

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



EB2CE1



2CEB36

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.



00AA86



EB2CE1



4C9B00

Square

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



EB2CE1



E75E00



00A624



00A6FF

Rectangle

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



EB2CE1



FF0055



00A624



00ACC2

Sweetspot

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



EB2CE1



FFC2FC



362CEB



805B7E



000000



808080

Same Dimension

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



EB2CE1



FF05F2



EB2C82



756A75



B500AC



360033

Inverse Universe

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



EB2CE1



FF05F2



2CEB95



756A75



B500AC



360033

Previews

White Background



This preview shows how the Hex color EB2CE1 looks on a white background.

Color Contrast Check

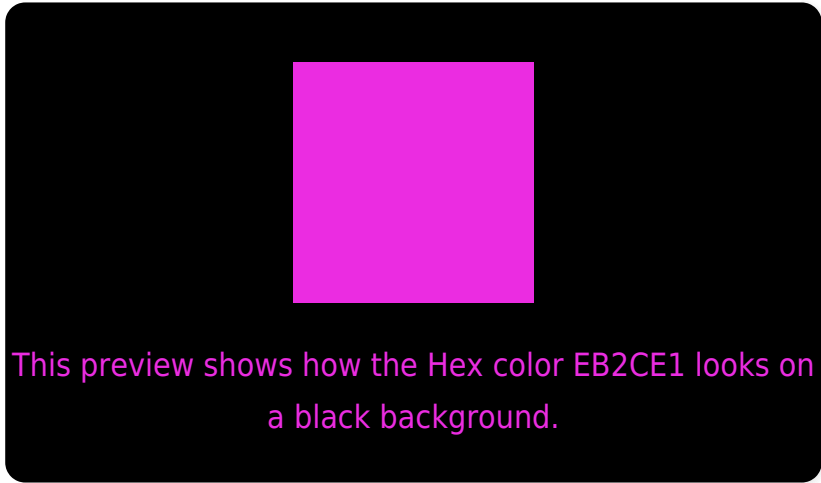
Large Text (above 18pt) WCAG AA ✓ Pass

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 EB2CE1 Background



This preview shows how black text looks on a background with the Hex color EB2CE1.

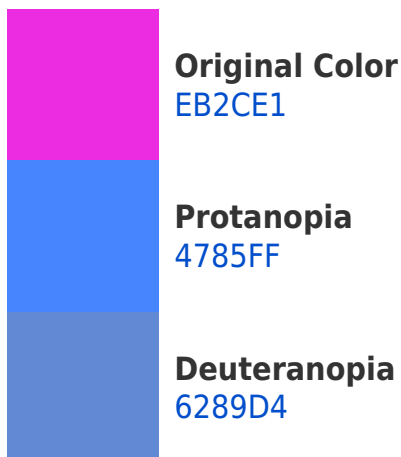


This preview shows how white text looks on a background with the Hex color EB2CE1.

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](#).

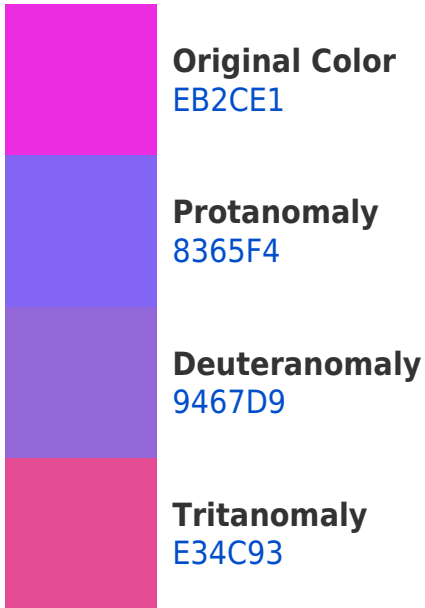
Dichromacy





Tritanopia
DE5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex EB2CE1 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 #EB2CE1 looks like.

```
.text, #text, p{  
    color:#EB2CE1  
}
```

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 #EB2CE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB2CE1
}
```

Border

The CSS property to change the border of an element to Hex EB2CE1 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
#EB2CE1 }
```

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

```
.border{ border-color:#EB2CE1 }
```

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

Here you see how a box with a 4 pixel #EB2CE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB2CE1; -webkit-box-shadow:4px 4px  
4px 4px #EB2CE1; box-shadow:4px 4px 4px  
4px #EB2CE1 }
```

Background

The CSS property to change the background color of an element to Hex EB2CE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB2CE1 }
```

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

```
.background{ background-color:#EB2CE1 }
```

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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