

Converting Colors

Hex(EB4ACC)

Have a look what the booklet for
Hex(EB4ACC) contains.

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Color

Hex(EB4ACC)

Conversions

Conversions Part 1

Format	Color
Hex	EB4ACC
RGB	235, 74, 204
RGB Percent	92%, 29%, 80%
CMY	0.0784, 0.7098, 0.2000
CMYK	0.00, 0.69, 0.13, 0.08
HSL	312°, 80%, 61%
HSV	312°, 69%, 92%
XYZ	47.6088, 26.9194, 59.8134
YIQ	136.9590, 54.2260, 74.5620

Conversions

Conversions Part 2

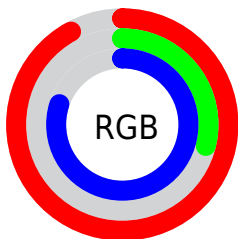
Format	Color
RYB	235, 74, 204
Decimal	15420108
CIELab	58.90, 74.24, -34.66
CIELCh	59, 81.937, 334.974
Yxy	26.9194, 0.3544, 0.2004
Android (android.graphics.Color)	4293610188 (0xFFEB4ACC)
YUV	136.9590, 33.0512, 85.9820
Hunter-Lab	51.8839, 72.9954, -32.0328

Details

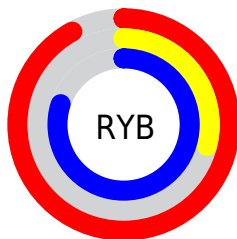
The Hex color **EB4ACC** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **4AEB69**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **FF86FF**, and **AF0095** is the 20% darker color. If you saturate the color by 10%, you get **EB33C7**, and if you desaturate by 10%, it is **EB62D1**.

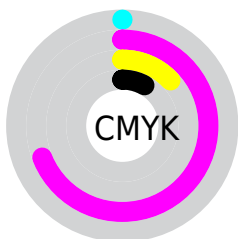
Distribution



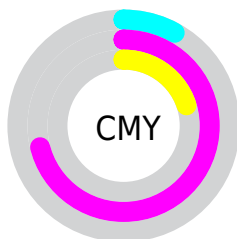
- Red (92%)
- Green (29%)
- Blue (80%)



- Red (92%)
- Yellow (29%)
- Blue (80%)



- Cyan (0%)
- Magenta (69%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (71%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB4ACC 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 EB4ACC by changing the saturation by 10% instead.

 EB4ACC

 EB4ACC

FFFFFF

 CD26B0

 FF86FF

 AF0095

 FFA4FF

 92007B

 FFC1FF

 760062

 FFDFFF

 59004A

 FFFDFF

 400033

 21001C

 000000

 EB4ACC

 EB4ACC

 EB33C7

 EB62D1

 EB1BC3

 EB79D5

 EB04BE

 EB91DA

 EB00BE

 EBA8DE

 EBC0E3

 EBD7E7

 EBEEEE

 EBFFF0

 EBFFF5

Harmonies

Analogous

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



9974FF



EB4ACC



FF2E85

Triad

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



EB4ACC



A18F00



00ACDF

Complementary

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



EB4ACC



4AEB69

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.



00AD98



EB4ACC



53A000

Square

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



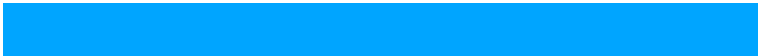
EB4ACC



DA7200



00A94C



00A5FF

Rectangle

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



EB4ACC



FF3E56



00A94C



00ADC9

Sweetspot

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



EB4ACC



FFC9F5



684AEB



806079



000000



808080

Same Dimension

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



EB4ACC



FF2ED7



EB4A7D



756A73



B50092



36002B

Inverse Universe

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



EB4ACC



FF2ED7



4AEBB8



756A73



B50092



36002B

Previews

White Background



This preview shows how the Hex color EB4ACC 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 EB4ACC Background



This preview shows how black text looks on a background with the Hex color EB4ACC.

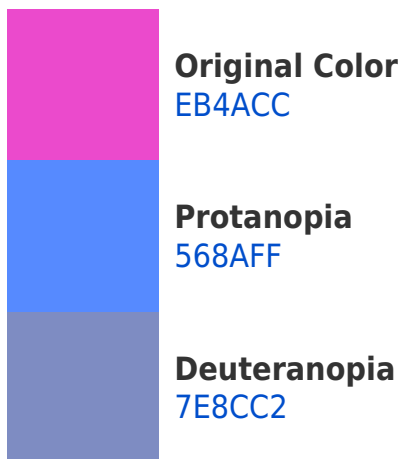



This preview shows how white text looks on a background with the Hex color EB4ACC.

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
E2666D

Trichromacy



Original Color
EB4ACC



Protanomaly
8C73EC



Deuteranomaly
A674C6



Tritanomaly
E55C90

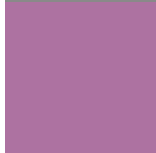
Monochromacy



Original Color
EB4ACC



Achromatopsia
898989



Achromatomaly
AD72A1

CSS Examples

Text

The CSS property to change the color of the text to Hex EB4ACC 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 #EB4ACC looks like.

```
.text, #text, p{  
    color:#EB4ACC  
}
```

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 #EB4ACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB4ACC
}
```

Border

The CSS property to change the border of an element to Hex EB4ACC 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
#EB4ACC }
```

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

```
.border{ border-color:#EB4ACC }
```

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

Here you see how a box with a 4 pixel #EB4ACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB4ACC; -webkit-box-shadow:4px 4px  
4px 4px #EB4ACC; box-shadow:4px 4px 4px  
4px #EB4ACC }
```

Background

The CSS property to change the background color of an element to Hex EB4ACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB4ACC }
```

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

```
.background{ background-color:#EB4ACC }
```

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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