

Converting Colors

Hex(EB77C1)

Have a look what the booklet for
Hex(EB77C1) contains.

Hex(EB77C1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(EB77C1)

Conversions

Conversions Part 1

Format	Color
Hex	EB77C1
RGB	235, 119, 193
RGB Percent	92%, 47%, 76%
CMY	0.0784, 0.5333, 0.2431
CMYK	0.00, 0.49, 0.18, 0.08
HSL	322°, 74%, 69%
HSV	322°, 49%, 92%
XYZ	50.4834, 34.7061, 54.4902
YIQ	162.1200, 45.3820, 47.6060

Conversions

Conversions Part 2

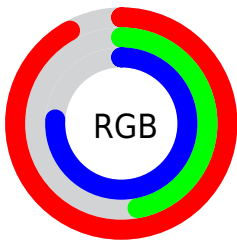
Format	Color
R _Y B	235, 119, 193
Decimal	15431617
CIE _{Lab}	65.52, 53.55, -18.24
CIE _{LCh}	66, 56.569, 341.192
Y _{xy}	34.7061, 0.3614, 0.2485
Android (android.graphics.Color)	4293621697 (0xFFEB77C1)
YUV	162.1200, 15.2238, 63.9158
Hunter-Lab	58.9119, 49.8665, -13.6017

Details

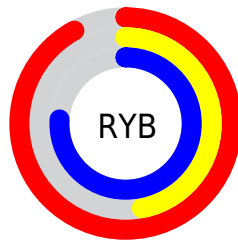
The Hex color **EB77C1** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77EBA1**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **FFAEFA**, and **B1418B** is the 20% darker color. If you saturate the color by 10%, you get **EB60B8**, and if you desaturate by 10%, it is **EB8FCA**.

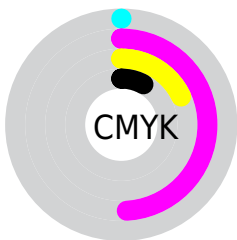
Distribution



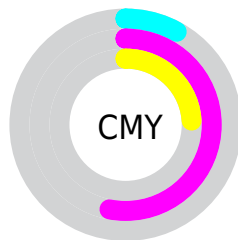
- Red (92%)
- Green (47%)
- Blue (76%)



- Red (92%)
- Yellow (47%)
- Blue (76%)



- Cyan (0%)
- Magenta (49%)
- Yellow (18%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color EB77C1 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 EB77C1 by changing the saturation by 10% instead.

 EB77C1

 EB77C1

FFFFFF

 CE5CA6

 FFAEFA

 B1418B

 FFCBFF

 942372

 FFE8FF

 790059

 5D0042

 43002B

 2A0016

 000000

 EB77C1

 EB77C1

 EB60B8

 EB8FCA

 EB48B0

 EBA6D2

 EB31A7

 EBBDDDB

 EB199F

 EBD5E3

 EB0296

 EBCECE

 EB0096

 EBFFF4

 EBFFFD

 EBFFFF

Harmonies

Analogous

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



BB8AEC



EB77C1



FD728E

Triad

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



EB77C1



A9A334



00B6E1

Complementary

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



EB77C1



77EBA1

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.



00B8B1



EB77C1



71AF4F

Square

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



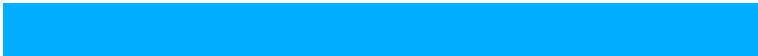
EB77C1



D5913C



00B67D



00ADFF

Rectangle

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



EB77C1



F9786D



00B67D



00B7D2

Sweetspot

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



EB77C1



FFD9F1



A077EB



806977



000000



808080

Same Dimension

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



EB77C1



FF69C9



EB7788



756A71



B50073



360022

Inverse Universe

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



EB77C1



FF69C9



77EBDA



756A71



B50073



360022

Previews

White Background



This preview shows how the Hex color EB77C1 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex EB77C1 Background



This preview shows how black text looks on a background with the Hex color EB77C1.

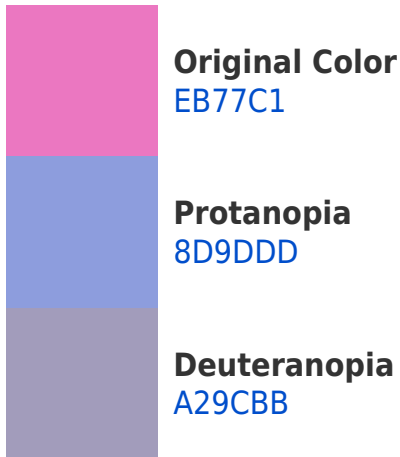



This preview shows how white text looks on a background with the Hex color EB77C1.

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
E6828C

Trichromacy



Original Color
EB77C1



Protanomaly
AF8FD3



Deuteranomaly
BD8FBD



Tritanomaly
E87E9F

Monochromacy



Original Color
EB77C1



Achromatopsia
A2A2A2



Achromatomaly
BD92AD

CSS Examples

Text

The CSS property to change the color of the text to Hex EB77C1 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 #EB77C1 looks like.

```
.text, #text, p{  
    color:#EB77C1  
}
```

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 #EB77C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB77C1
}
```

Border

The CSS property to change the border of an element to Hex EB77C1 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
#EB77C1 }
```

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

```
.border{ border-color:#EB77C1 }
```

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

Here you see how a box with a 4 pixel #EB77C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB77C1; -webkit-box-shadow:4px 4px  
4px 4px #EB77C1; box-shadow:4px 4px 4px  
4px #EB77C1 }
```

Background

The CSS property to change the background color of an element to Hex EB77C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB77C1 }
```

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

```
.background{ background-color:#EB77C1 }
```

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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