

Converting Colors

Hex(EA77CB)

Have a look what the booklet for
Hex(EA77CB) contains.

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Color

Hex(EA77CB)

Conversions

Conversions Part 1

Format	Color
Hex	EA77CB
RGB	234, 119, 203
RGB Percent	92%, 47%, 80%
CMY	0.0824, 0.5333, 0.2039
CMYK	0.00, 0.49, 0.13, 0.08
HSL	316°, 73%, 69%
HSV	316°, 49%, 92%
XYZ	51.3080, 34.9979, 60.5509
YIQ	162.9610, 41.5760, 50.5040

Conversions

Conversions Part 2

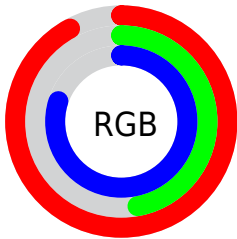
Format	Color
RYB	234, 119, 203
Decimal	15366091
CIELab	65.75, 54.76, -23.53
CIELCh	66, 59.599, 336.750
Yxy	34.9979, 0.3494, 0.2383
Android (android.graphics.Color)	4293556171 (0xFFEA77CB)
YUV	162.9610, 19.7392, 62.3012
Hunter-Lab	59.1590, 51.2830, -19.2737

Details

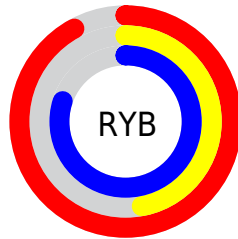
The Hex color **EA77CB** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77EA96**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **FFAEFF**, and **B04095** is the 20% darker color. If you saturate the color by 10%, you get **EA60C5**, and if you desaturate by 10%, it is **EA8ED1**.

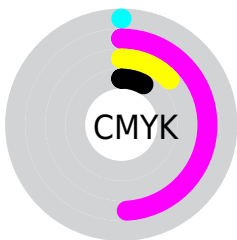
Distribution



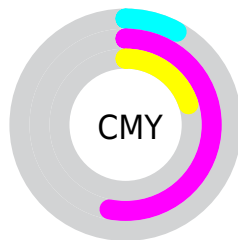
- Red (92%)
- Green (47%)
- Blue (80%)



- Red (92%)
- Yellow (47%)
- Blue (80%)



- Cyan (0%)
- Magenta (49%)
- Yellow (13%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA77CB 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 EA77CB by changing the saturation by 10% instead.

 EA77CB

 EA77CB

FFFFFF

 CD5CAF

 FFAEFF

 B04095

 FFCBFF

 94237B

 FFE8FF

 780062

 5D004A

 430033

 2A001D

 000000

 EA77CB

 EA77CB

 EA60C5

 EA8ED1

 EA48BE

 EAA6D8

 EA31B8

 EABDDE

 EA19B2

 EAD5E4

 EA02AB

 EAECEB

 EA00AB

 EAFFF1

 EAFFF7

 EAFFFD

 EAFFFF

Harmonies

Analogous

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



B28CF6



EA77CB



FF6E96

Triad

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



EA77CB



B1A12B



00B8DE

Complementary

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



EA77CB



77EA96

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.



00BAAB



EA77CB



79AF44

Square

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



EA77CB



DE8E3B



05B773



00B0FF

Rectangle

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



EA77CB



FF7473



05B773



00B9CE

Sweetspot

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



EA77CB



FFD9F5



9677EA



806979



000000



808080

Same Dimension

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



EA77CB



FF69D6



EA7792



756A72



B50084



360027

Inverse Universe

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



EA77CB



FF69D6



77EACF



756A72



B50084



360027

Previews

White Background



This preview shows how the Hex color EA77CB 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 EA77CB Background



This preview shows how black text looks on a background with the Hex color EA77CB.

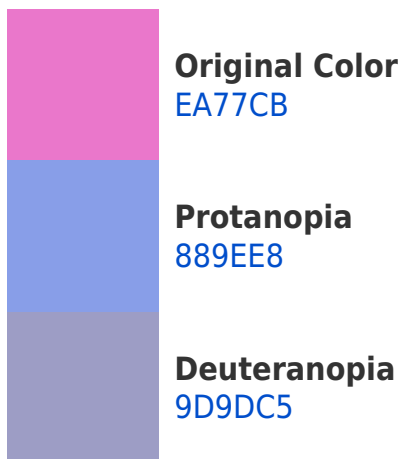


This preview shows how white text looks on a background with the Hex color EA77CB.

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
E3848E

Trichromacy



Original Color
EA77CB



Protanomaly
AC90DD



Deuteranomaly
B98FC7



Tritanomaly
E67FA4

Monochromacy



Original Color
EA77CB



Achromatopsia
A3A3A3



Achromatomaly
BD93B2

CSS Examples

Text

The CSS property to change the color of the text to Hex EA77CB 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 #EA77CB looks like.

```
.text, #text, p{  
    color:#EA77CB  
}
```

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 #EA77CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA77CB
}
```

Border

The CSS property to change the border of an element to Hex EA77CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

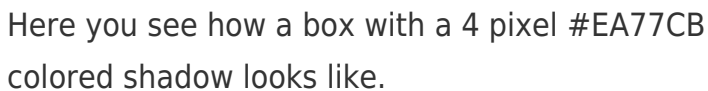
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EA77CB }
```

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

```
.border{ border-color:#EA77CB }
```

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



Here you see how a box with a 4 pixel `#EA77CB` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA77CB; -webkit-box-shadow:4px 4px  
4px 4px #EA77CB; box-shadow:4px 4px 4px  
4px #EA77CB }
```

Background

The CSS property to change the background color of an element to Hex EA77CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA77CB }
```

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

```
.background{ background-color:#EA77CB }
```

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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