

Converting Colors

Hex(EA99CD)

Have a look what the booklet for
Hex(EA99CD) contains.

Hex(EA99CD)	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(EA99CD)

Conversions

Conversions Part 1

Format	Color
Hex	EA99CD
RGB	234, 153, 205
RGB Percent	92%, 60%, 80%
CMY	0.0824, 0.4000, 0.1961
CMYK	0.00, 0.35, 0.12, 0.08
HSL	321°, 66%, 76%
HSV	321°, 35%, 92%
XYZ	56.3424, 44.6827, 63.4127
YIQ	183.1470, 31.5840, 33.3440

Conversions

Conversions Part 2

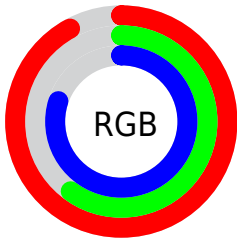
Format	Color
RYB	234, 153, 205
Decimal	15374797
CIELab	72.68, 37.77, -14.12
CIELCh	73, 40.320, 339.502
Yxy	44.6827, 0.3426, 0.2717
Android (android.graphics.Color)	4293564877 (0xFFEA99CD)
YUV	183.1470, 10.7735, 44.5981
Hunter-Lab	66.8451, 33.4751, -9.4539

Details

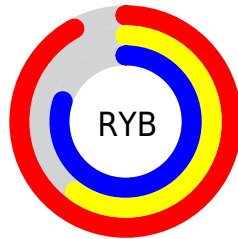
The Hex color **EA99CD** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **99EAB6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **FFD0FF**, and **B16497** is the 20% darker color. If you saturate the color by 10%, you get **EA82C5**, and if you desaturate by 10%, it is **EAB0D5**.

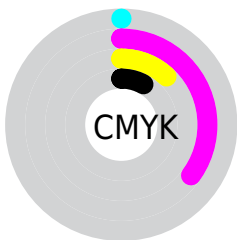
Distribution



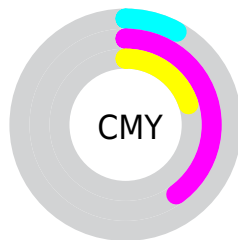
- Red (92%)
- Green (60%)
- Blue (80%)



- Red (92%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (8%)



- Cyan (8%)
- Magenta (40%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color EA99CD 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 EA99CD by changing the saturation by 10% instead.

 EA99CD

 EA99CD

FFFFFF

 CD7EB1

 FFD0FF

 B16497

 FFEDFF

 954B7D

 7B3264

 60194C

 470035

 300020

 0E0004

 000000

EA99CD

EA99CD

EA82C5

EAB0D5

EA6ABC

EAC8DE

EA53B4

EADFE6

EA3BAB

EAF7EF

EA24A3

EAF7F7

EA0D9B

EAF7FF

EA0096

Harmonies

Analogous

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



C6A4EB



EA99CD



FA95A8

Triad

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



EA99CD



BFB468



00C4E0

Complementary

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



EA99CD



99EAB6

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.



2EC6BD



EA99CD



97BE78

Square

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



EA99CD



E0A76E



68C497



4CBDF7

Rectangle

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



EA99CD



F99890



68C497



00C5D5

Sweetspot

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



EA99CD



FFE6F6



B599EA



80707A



000000



808080

Same Dimension

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



EA99CD



FF94D9



EA99A5



756A71



B50074



360022

Inverse Universe

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



EA99CD



FF94D9



99EADE



756A71



B50074



360022

Previews

White Background



This preview shows how the Hex color EA99CD looks on a white background.

Color Contrast Check

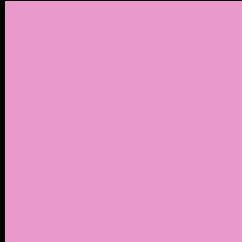
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color EA99CD looks on a 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 EA99CD Background



This preview shows how black text looks on a background with the Hex color EA99CD.

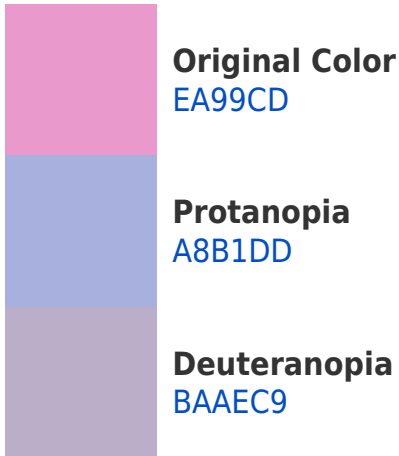


This preview shows how white text looks on a background with the Hex color EA99CD.

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
E69FAB

Trichromacy



Original Color
EA99CD



Protanomaly
C0A8D7



Deuteranomaly
CBA6CA

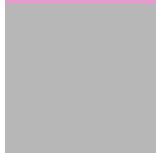


Tritanomaly
E79DB7

Monochromacy



Original Color
EA99CD



Achromatopsia
B7B7B7



Achromatomaly
CAACBF

CSS Examples

Text

The CSS property to change the color of the text to Hex EA99CD 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 #EA99CD looks like.

```
.text, #text, p{  
    color:#EA99CD  
}
```

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 #EA99CD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA99CD
}
```

Border

The CSS property to change the border of an element to Hex EA99CD 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
#EA99CD }
```

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

```
.border{ border-color:#EA99CD }
```

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

Here you see how a box with a 4 pixel #EA99CD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA99CD; -webkit-box-shadow:4px 4px  
4px 4px #EA99CD; box-shadow:4px 4px 4px  
4px #EA99CD }
```

Background

The CSS property to change the background color of an element to Hex EA99CD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA99CD }
```

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

```
.background{ background-color:#EA99CD }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor