

Converting Colors

Hex(E785CB)

Have a look what the booklet for
Hex(E785CB) contains.

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Color

Hex(E785CB)

Conversions

Conversions Part 1

Format	Color
Hex	E785CB
RGB	231, 133, 203
RGB Percent	91%, 52%, 80%
CMY	0.0941, 0.4784, 0.2039
CMYK	0.00, 0.42, 0.12, 0.09
HSL	317°, 67%, 71%
HSV	317°, 42%, 91%
XYZ	52.1220, 38.0758, 61.1021
YIQ	170.2820, 35.9380, 42.5460

Conversions

Conversions Part 2

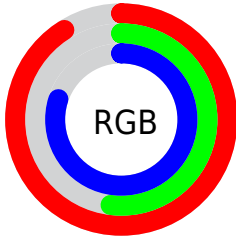
Format	Color
R _Y B	231, 133, 203
Decimal	15173067
CIE Lab	68.08, 46.86, -20.01
CIE LCh	68, 50.952, 336.880
Yxy	38.0758, 0.3445, 0.2517
Android (android.graphics.Color)	4293363147 (0xFFE785CB)
YUV	170.2820, 16.1300, 53.2497
Hunter-Lab	61.7056, 42.7922, -15.5163

Details

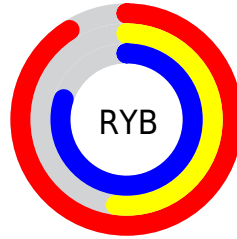
The Hex color **E785CB** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85E7A1**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **FFBCFF**, and **AE5095** is the 20% darker color. If you saturate the color by 10%, you get **E76EC4**, and if you desaturate by 10%, it is **E79CD2**.

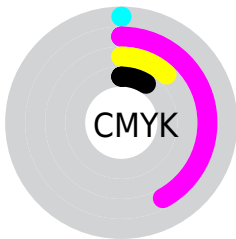
Distribution



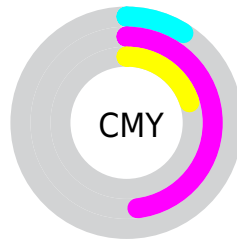
- Red (91%)
- Green (52%)
- Blue (80%)



- Red (91%)
- Yellow (52%)
- Blue (80%)



- Cyan (0%)
- Magenta (42%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (48%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color E785CB 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 E785CB by changing the saturation by 10% instead.

 E785CB

 E785CB

FFFFFF

 CA6AB0

 FFBCFF

 AE5095

 FFD9FF

 92367B

 FFF6FF

 771962

 5C004A

 420033

 2C001E

 000000

 E785CB

 E785CB

 E76EC4

 E79CD2

 E757BE

 E7B3D8

 E740B7

 E7CADF

 E729B1

 E7E1E5

 E712AA

 E7F9EC

 E700A5

 E7FFF3

 E7FFF9

 E7FFFF

Harmonies

Analogous

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



B796F0



E785CB



FB7E9D

Triad

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



E785CB



B7A747



00BBDC

Complementary

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



E785CB



85E7A1

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.



00BDAF



E785CB



86B359

Square

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



E785CB



DE9751



43BA80



00B4FA

Rectangle

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



E785CB



FB827F



43BA80



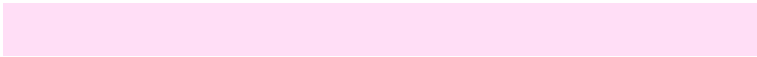
00BDCE

Sweetspot

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



E785CB



FFDEF6



A185E7



806B7A



000000



808080

Same Dimension

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



E785CB



FF7DDA



E7859A



73676F



B3007F



330024

Inverse Universe

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



E785CB



FF7DDA



85E7D2



73676F



B30080



330024

Previews

White Background



This preview shows how the Hex color E785CB 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 E785CB Background



This preview shows how black text looks on a background with the Hex color E785CB.

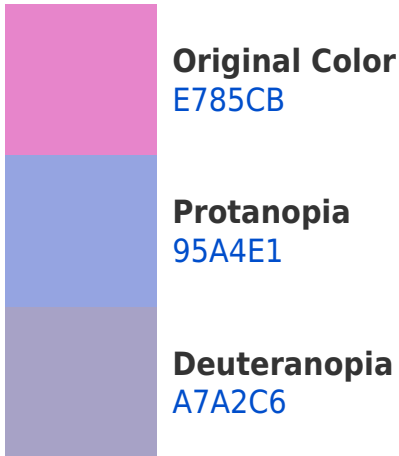


This preview shows how white text looks on a background with the Hex color E785CB.

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](#).

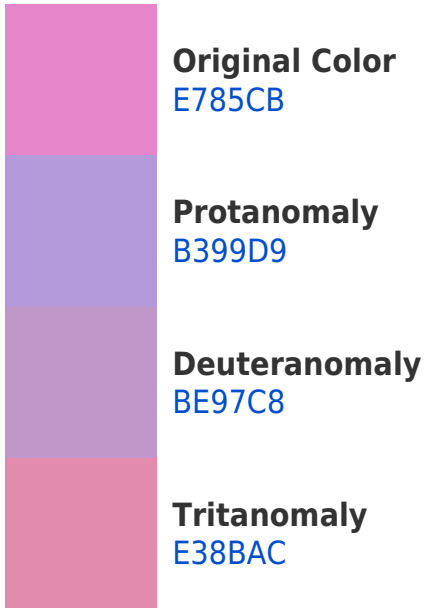
Dichromacy



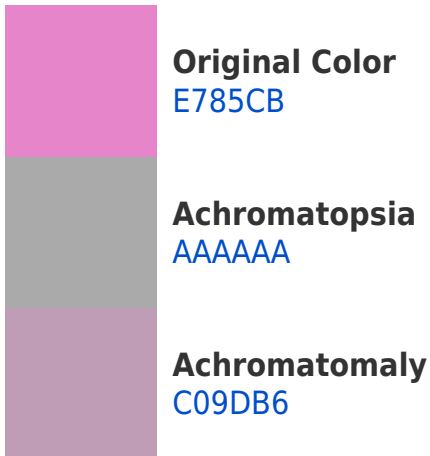


Tritanopia
E18F9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex E785CB 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 #E785CB looks like.

```
.text, #text, p{  
    color:#E785CB  
}
```

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 #E785CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E785CB  
}
```

Border

The CSS property to change the border of an element to Hex E785CB is called "border". The border property can be set on classes, ids or directly on the HTML element.

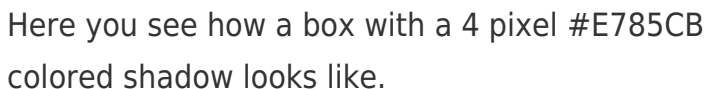
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#E785CB }
```

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

```
.border{ border-color:#E785CB }
```

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



Here you see how a box with a 4 pixel #E785CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E785CB; -webkit-box-shadow:4px 4px  
4px 4px #E785CB; box-shadow:4px 4px 4px  
4px #E785CB }
```

Background

The CSS property to change the background color of an element to Hex E785CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E785CB }
```

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

```
.background{ background-color:#E785CB }
```

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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