

Converting Colors

Hex(E783CE)

Have a look what the booklet for
Hex(E783CE) contains.

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Color

Hex(E783CE)

Conversions

Conversions Part 1

Format	Color
Hex	E783CE
RGB	231, 131, 206
RGB Percent	91%, 51%, 81%
CMY	0.0941, 0.4863, 0.1922
CMYK	0.00, 0.43, 0.11, 0.09
HSL	315°, 68%, 71%
HSV	315°, 43%, 91%
XYZ	52.2119, 37.6778, 62.9132
YIQ	169.4500, 35.5250, 44.5250

Conversions

Conversions Part 2

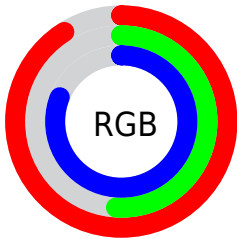
Format	Color
R _Y B	231, 131, 206
Decimal	15172558
CIE Lab	67.78, 48.36, -22.13
CIE LCh	68, 53.184, 335.414
Yxy	37.6778, 0.3417, 0.2466
Android (android.graphics.Color)	4293362638 (0xFFE783CE)
YUV	169.4500, 18.0191, 53.9793
Hunter-Lab	61.3822, 44.4137, -17.8012

Details

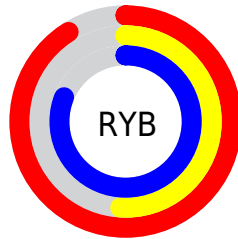
The Hex color **E783CE** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83E79C**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **FFBAFF**, and **AE4E98** is the 20% darker color. If you saturate the color by 10%, you get **E76CC8**, and if you desaturate by 10%, it is **E79AD4**.

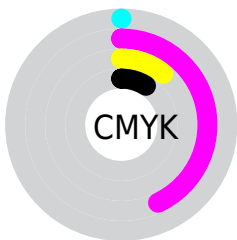
Distribution



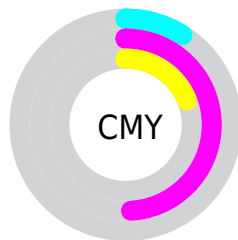
- Red (91%)
- Green (51%)
- Blue (81%)



- Red (91%)
- Yellow (51%)
- Blue (81%)



- Cyan (0%)
- Magenta (43%)
- Yellow (11%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color E783CE 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 E783CE by changing the saturation by 10% instead.

 E783CE

 E783CE

FFFFFF

 CA68B2

 FFBAFF

 AE4E98

 FFD7FF

 92337E

 FFF4FF

 761664

 5C004C

 420035

 2B0020

 000003

 000000

 E783CE

 E783CE

 E76CC8

 E79AD4

 E755C2

 E7B1DA

 E73EBD

 E7C8DF

 E727B7

 E7DFE5

 E710B1

 E7F7EB

 E700AD

 E7FFF1

 E7FFF6

 E7FFFC

 E7FFFF

Harmonies

Analogous

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



B495F4



E783CE



FD7B9E

Triad

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



E783CE



B8A541



00BCDB

Complementary

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



E783CE



83E79C

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.



00BDAD



E783CE



86B253

Square

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



E783CE



E0944D



40BA7B



00B5FC

Rectangle

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



E783CE



FE7F7F



40BA7B



00BDCD

Sweetspot

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



E783CE



FFDEF7



9C83E7



806B7A



000000



808080

Same Dimension

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



E783CE



FF7ADE



E7839C



736770



B30086



330026

Inverse Universe

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



E783CE



FF7ADE



83E7CE



736770



B30086



330026

Previews

White Background



This preview shows how the Hex color E783CE looks on a white background.

Color Contrast Check

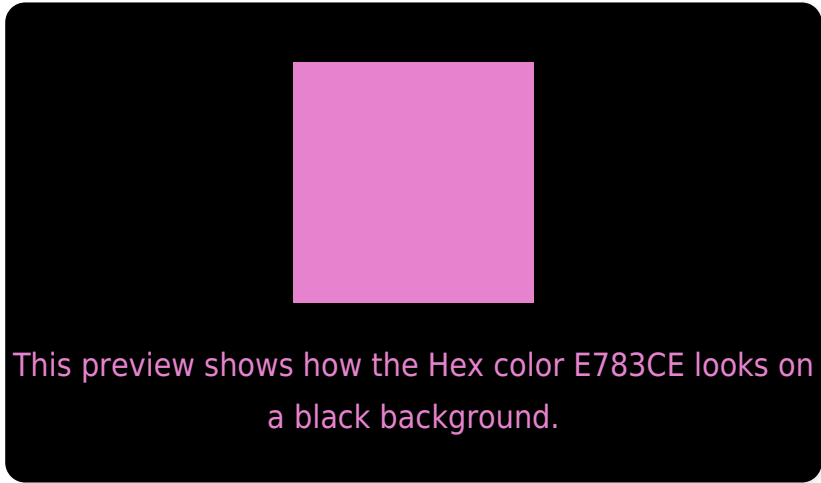
Large Text (above 18pt) WCAG AA × Fail

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 E783CE Background



This preview shows how black text looks on a background with the Hex color E783CE.



This preview shows how white text looks on a background with the Hex color E783CE.

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
E18E99

Trichromacy



Original Color
E783CE



Protanomaly
B197DD



Deuteranomaly
BC97CB

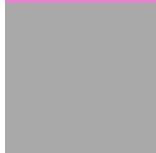


Tritanomaly
E38AAC

Monochromacy



Original Color
E783CE



Achromatopsia
A9A9A9



Achromatomaly
C09BB6

CSS Examples

Text

The CSS property to change the color of the text to Hex E783CE 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 #E783CE looks like.

```
.text, #text, p{  
    color:#E783CE  
}
```

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 #E783CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E783CE
}
```

Border

The CSS property to change the border of an element to Hex E783CE 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
#E783CE }
```

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

```
.border{ border-color:#E783CE }
```

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

Here you see how a box with a 4 pixel #E783CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E783CE; -webkit-box-shadow:4px 4px  
4px 4px #E783CE; box-shadow:4px 4px 4px  
4px #E783CE }
```

Background

The CSS property to change the background color of an element to Hex E783CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E783CE }
```

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

```
.background{ background-color:#E783CE }
```

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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