

Converting Colors

Hex(E878BC)

Have a look what the booklet for
Hex(E878BC) contains.

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Color

Hex(E878BC)

Conversions

Conversions Part 1

Format	Color
Hex	E878BC
RGB	232, 120, 188
RGB Percent	91%, 47%, 74%
CMY	0.0902, 0.5294, 0.2627
CMYK	0.00, 0.48, 0.19, 0.09
HSL	324°, 71%, 69%
HSV	324°, 48%, 91%
XYZ	49.0723, 34.2196, 51.5956
YIQ	161.2400, 44.9240, 44.8920

Conversions

Conversions Part 2

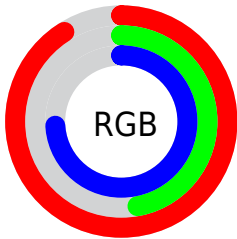
Format	Color
R _Y B	232, 120, 188
Decimal	15235260
CIE Lab	65.14, 51.39, -16.03
CIE LCh	65, 53.832, 342.672
Yxy	34.2196, 0.3638, 0.2537
Android (android.graphics.Color)	4293425340 (0xFFE878BC)
YUV	161.2400, 13.1927, 62.0565
Hunter-Lab	58.4975, 47.3691, -11.3463

Details

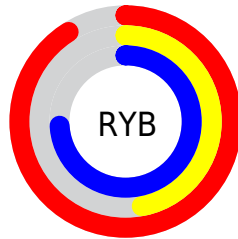
The Hex color **E878BC** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78E8A4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFAFF4**, and **AE4287** is the 20% darker color. If you saturate the color by 10%, you get **E861B3**, and if you desaturate by 10%, it is **E88FC5**.

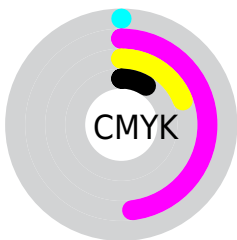
Distribution



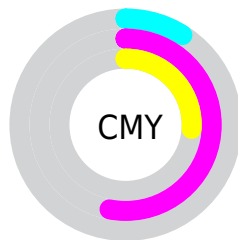
- Red (91%)
- Green (47%)
- Blue (74%)



- Red (91%)
- Yellow (47%)
- Blue (74%)



- Cyan (0%)
- Magenta (48%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (53%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color E878BC 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 E878BC by changing the saturation by 10% instead.

 E878BC

 E878BC

FFFFFF

 CB5DA1

 FFAFF4

 AE4287

 FFCFF

 92266D

 FFE8FF

 760055

 5B003E

 410028

 280012

 000000

 E878BC

 E878BC

 E861B3

 E88FC5

 E84AAA

 E8A6CE

 E832A1

 E8BED7

 E81B98

 E8D5E0

 E8048E

 E8ECEA

 E8008D

 E8FFF3

 E8FFFC

 E8FFFF

Harmonies

Analogous

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



BC89E5



E878BC



F8748B

Triad

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



E878BC



A6A23A



00B3DE

Complementary

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



E878BC



78E8A4

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.



00B6B2



E878BC



70AE54

Square

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



E878BC



D09240



00B480



00ABFA

Rectangle

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



E878BC



F47A6D



00B480



00B5D1

Sweetspot

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



E878BC



FFDBF1



A378E8



806A77



000000



808080

Same Dimension

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



E878BC



FF6BC5



E87885



73676E



B3006C



33001F

Inverse Universe

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



E878BC



FF6BC5



78E8DB



73676E



B3006C



33001F

Previews

White Background



This preview shows how the Hex color E878BC looks on a white background.

Color Contrast Check

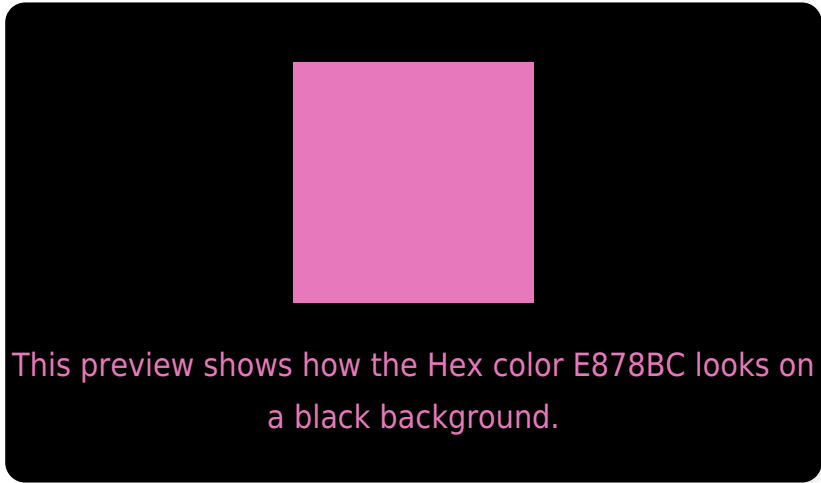
Large Text (above 18pt) WCAG AA × Fail

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 E878BC Background



This preview shows how black text looks on a background with the Hex color E878BC.

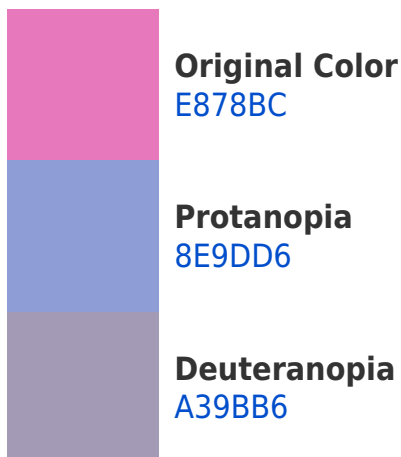



This preview shows how white text looks on a background with the Hex color E878BC.

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
E3828C

Trichromacy



Original Color
E878BC



Protanomaly
AF90CD



Deuteranomaly
BC8EB8

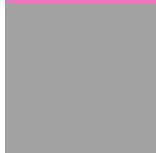


Tritanomaly
E57E9D

Monochromacy



Original Color
E878BC



Achromatopsia
A1A1A1



Achromatomaly
BB92AB

CSS Examples

Text

The CSS property to change the color of the text to Hex E878BC 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 #E878BC looks like.

```
.text, #text, p{  
    color:#E878BC  
}
```

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 #E878BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E878BC
}
```

Border

The CSS property to change the border of an element to Hex E878BC 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
#E878BC }
```

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

```
.border{ border-color:#E878BC }
```

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

Here you see how a box with a 4 pixel #E878BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E878BC; -webkit-box-shadow:4px 4px  
4px 4px #E878BC; box-shadow:4px 4px 4px  
4px #E878BC }
```

Background

The CSS property to change the background color of an element to Hex E878BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E878BC }
```

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

```
.background{ background-color:#E878BC }
```

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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