

Converting Colors

Hex(E78BBC)

Have a look what the booklet for
Hex(E78BBC) contains.

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Color

Hex(E78BBC)

Conversions

Conversions Part 1

Format	Color
Hex	E78BBC
RGB	231, 139, 188
RGB Percent	91%, 55%, 74%
CMY	0.0941, 0.4549, 0.2627
CMYK	0.00, 0.40, 0.19, 0.09
HSL	328°, 66%, 73%
HSV	328°, 40%, 91%
XYZ	51.2647, 39.0850, 52.4192
YIQ	172.0940, 39.1030, 34.7430

Conversions

Conversions Part 2

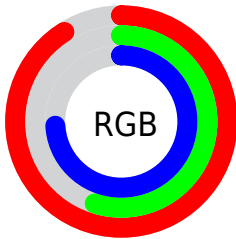
Format	Color
R_{YB}	231, 139, 188
Decimal	15174588
CIE _{Lab}	68.81, 41.43, -10.52
CIE _{LCh}	69, 42.745, 345.751
Yxy	39.0850, 0.3591, 0.2738
Android (android.graphics.Color)	4293364668 (0xFFE78BBC)
YUV	172.0940, 7.8417, 51.6606
Hunter-Lab	62.5180, 36.9634, -5.9500

Details

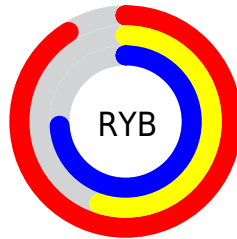
The Hex color **E78BBC** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8BE7B6**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC2F4**, and **AE5787** is the 20% darker color. If you saturate the color by 10%, you get **E774B1**, and if you desaturate by 10%, it is **E7A2C7**.

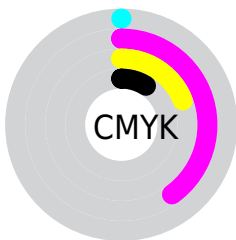
Distribution



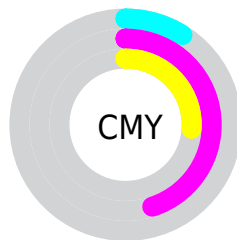
- Red (91%)
- Green (55%)
- Blue (74%)



- Red (91%)
- Yellow (55%)
- Blue (74%)



- Cyan (0%)
- Magenta (40%)
- Yellow (19%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color E78BBC 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 E78BBC by changing the saturation by 10% instead.

 E78BBC

 E78BBC

FFFFFF

 CA70A1

 FFC2F4

 AE5787

 FFDEFF

 923D6D

 FFFBFF

 772355

 5C033E

 420028

 2D0014

 000000

 E78BBC

 E78BBC

 E774B1

 E7A2C7

 E75DA6

 E7B9D2

 E7469C

 E7D0DC

 E72F91

 E7E7E7

 E71786

 E7FEF2

 E7007B

 E7FFFD

 E7FFFF

Harmonies

Analogous

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



C596DE



E78BBC



F28995

Triad

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



E78BBC



ACAC5C



00B9DE

Complementary

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



E78BBC



8BE7B6

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.



00BCBC



E78BBC



81B670

Square

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



E78BBC



D09F5D



4ABB94



41B1F2

Rectangle

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



E78BBC



EE8E7D



4ABB94



00BBD4

Sweetspot

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



E78BBC



FFE0F1



B68BE7



806E77



000000



808080

Same Dimension

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



E78BBC



FF85C6



E78B8E



73676D



B3005F



33001B

Inverse Universe

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



E78BBC



FF85C6



8BE7E4



73676D



B3005F



33001B

Previews

White Background



This preview shows how the Hex color E78BBC looks on a white background.

Color Contrast Check

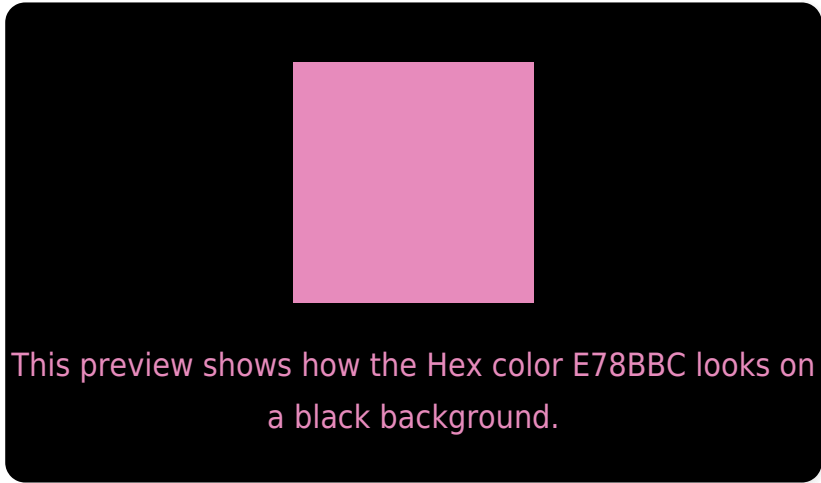
Large Text (above 18pt) WCAG AA × Fail

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 E78BBC Background



This preview shows how black text looks on a background with the Hex color E78BBC.




This preview shows how white text looks on a background with the Hex color E78BBC.

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
E4919C

Trichromacy



Original Color
E78BBC



Protanomaly
B99DC7



Deuteranomaly
C59BB9

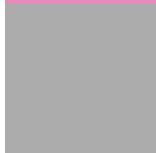


Tritanomaly
E58FA8

Monochromacy



Original Color
E78BBC



Achromatopsia
ACACAC



Achromatomaly
C1A0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex E78BBC 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 #E78BBC looks like.

```
.text, #text, p{  
  color:#E78BBC  
}
```

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 #E78BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78BBC
}
```

Border

The CSS property to change the border of an element to Hex E78BBC 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
#E78BBC }
```

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

```
.border{ border-color:#E78BBC }
```

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

Here you see how a box with a 4 pixel #E78BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78BBC; -webkit-box-shadow:4px 4px  
4px 4px #E78BBC; box-shadow:4px 4px 4px  
4px #E78BBC }
```

Background

The CSS property to change the background color of an element to Hex E78BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78BBC }
```

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

```
.background{ background-color:#E78BBC }
```

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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