

Converting Colors

Hex(E78AC8)

Have a look what the booklet for
Hex(E78AC8) contains.

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Color

Hex(E78AC8)

Conversions

Conversions Part 1

Format	Color
Hex	E78AC8
RGB	231, 138, 200
RGB Percent	91%, 54%, 78%
CMY	0.0941, 0.4588, 0.2157
CMYK	0.00, 0.40, 0.13, 0.09
HSL	320°, 66%, 72%
HSV	320°, 40%, 91%
XYZ	52.4688, 39.3360, 59.4708
YIQ	172.8750, 35.5260, 38.9980

Conversions

Conversions Part 2

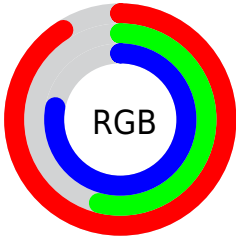
Format	Color
R _Y B	231, 138, 200
Decimal	15174344
CIE Lab	68.99, 43.81, -16.94
CIE LCh	69, 46.973, 338.856
Yxy	39.3360, 0.3468, 0.2600
Android (android.graphics.Color)	4293364424 (0xFFE78AC8)
YUV	172.8750, 13.3726, 50.9756
Hunter-Lab	62.7184, 39.5718, -12.3170

Details

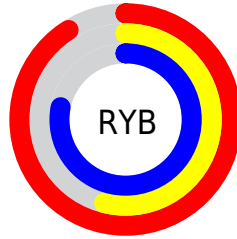
The Hex color **E78AC8** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8AE7A9**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **FFC1FF**, and **AE5592** is the 20% darker color. If you saturate the color by 10%, you get **E773C0**, and if you desaturate by 10%, it is **E7A1D0**.

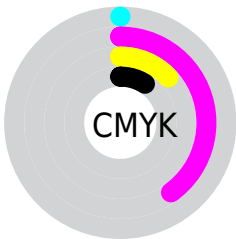
Distribution



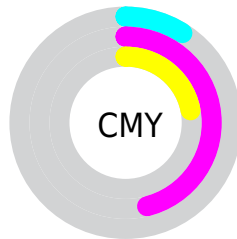
- Red (91%)
- Green (54%)
- Blue (78%)



- Red (91%)
- Yellow (54%)
- Blue (78%)



- Cyan (0%)
- Magenta (40%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (46%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color E78AC8 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 E78AC8 by changing the saturation by 10% instead.

 E78AC8

 E78AC8

FFFFFF

 CA6FAD

 FFC1FF

 AE5592

 FFDEFF

 923C78

 FFFBFF

 77215F

 5C0048

 430031

 2D001C

 000000

 E78AC8

 E78AC8

 E773C0

 E7A1D0

 E75CB9

 E7B8D7

 E745B1

 E7CFDF

 E72EA9

 E7E6E7

 E717A2

 E7FEEF

 E7009A

 E7FFF6

 E7FFFE

 E7FFFF

Harmonies

Analogous

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



BD98EB



E78AC8



F9859D

Triad

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



E78AC8



B6AA52



00BCDD

Complementary

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



E78AC8



8AE7A9

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.



00BEB4



E78AC8



88B564

Square

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



E78AC8



DB9B59



4DBC88



00B5F7

Rectangle

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



E78AC8



F78982



4DBC88



00BDD0

Sweetspot

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



E78AC8



FFE0F5



A98AE7



806E7A



000000



808080

Same Dimension

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



E78AC8



FF85D6



E78A9A



73676F



B30077



330022

Inverse Universe

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



E78AC8



FF85D6



8AE7D7



73676F



B30077



330022

Previews

White Background



This preview shows how the Hex color E78AC8 looks on a white background.

Color Contrast Check

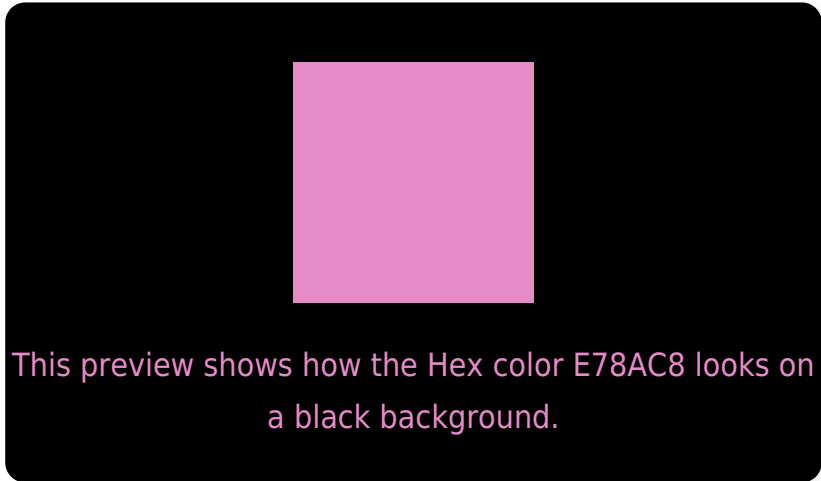
Large Text (above 18pt) WCAG AA × Fail

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 E78AC8 Background



This preview shows how black text looks on a background with the Hex color E78AC8.

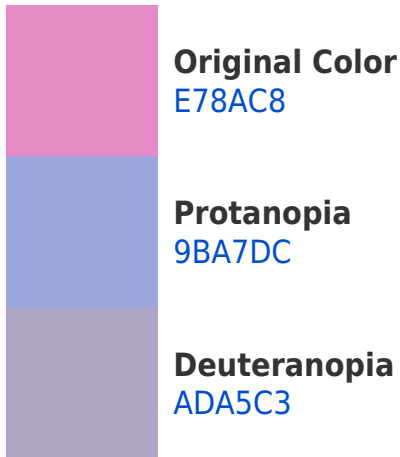



This preview shows how white text looks on a background with the Hex color E78AC8.

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
E2929D

Trichromacy



Original Color
E78AC8



Protanomaly
B79CD5



Deuteranomaly
C29BC5

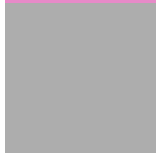


Tritanomaly
E48FAD

Monochromacy



Original Color
E78AC8



Achromatopsia
ADADAD



Achromatomaly
C2A0B7

CSS Examples

Text

The CSS property to change the color of the text to Hex E78AC8 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 #E78AC8 looks like.

```
.text, #text, p{  
    color:#E78AC8  
}
```

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 #E78AC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78AC8  
}
```

Border

The CSS property to change the border of an element to Hex E78AC8 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  
#E78AC8 }
```

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

```
.border{ border-color:#E78AC8 }
```

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

Here you see how a box with a 4 pixel #E78AC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78AC8; -webkit-box-shadow:4px 4px  
4px 4px #E78AC8; box-shadow:4px 4px 4px  
4px #E78AC8 }
```

Background

The CSS property to change the background color of an element to Hex E78AC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78AC8 }
```

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

```
.background{ background-color:#E78AC8 }
```

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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