

# Converting Colors

Hex(E78CB6)

Have a look what the booklet for  
Hex(E78CB6) contains.

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# **Color**

**Hex(E78CB6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E78CB6
RGB	231, 140, 182
RGB Percent	91%, 55%, 71%
CMY	0.0941, 0.4510, 0.2863
CMYK	0.00, 0.39, 0.21, 0.09
HSL	332°, 65%, 73%
HSV	332°, 39%, 91%
XYZ	50.7766, 39.1225, 49.1311
YIQ	171.9970, 40.7540, 32.3540

# Conversions

## Conversions Part 2

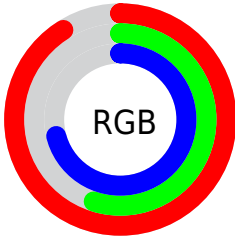
Format	Color
R <sub>Y</sub> B	231, 140, 182
Decimal	15174838
CIE Lab	68.84, 40.02, -7.13
CIE LCh	69, 40.646, 349.904
Yxy	39.1225, 0.3652, 0.2814
Android (android.graphics.Color)	4293364918 (0xFFE78CB6)
YUV	171.9970, 4.9315, 51.7456
Hunter-Lab	62.5480, 35.4477, -2.7884

# Details

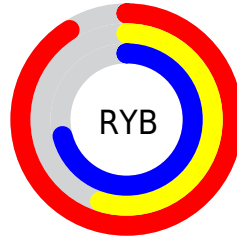
The Hex color **E78CB6** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **8CE7BD**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **FFC3EE**, and **AE5881** is the 20% darker color. If you saturate the color by 10%, you get **E775AA**, and if you desaturate by 10%, it is **E7A3C2**.

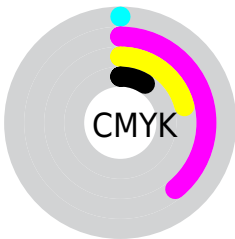
# Distribution



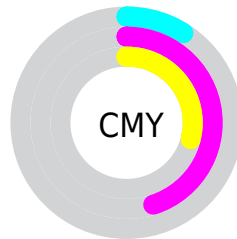
- Red (91%)
- Green (55%)
- Blue (71%)



- Red (91%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E78CB6 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 E78CB6 by changing the saturation by 10% instead.



 E78CB6

 E78CB6

FFFFFF

 CA729B

 FFC3EE

 AE5881

 FFDFFF

 923E68

 FFFCFE

 772550

 5C0639

 420024

 2D000E

 000000

 E78CB6

 E78CB6

 E775AA

 E7A3C2

 E75E9D

 E7BACF

 E74791

 E7D1DB

 E73084

 E7E8E8

 E71978

 E7FFF4

 E7016B

 E7FFFF

 E7006B

# Harmonies

## Analogous

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



CA95D8



E78CB6



EF8C91

# Triad

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



E78CB6



A7AD61



00B8DF

# Complementary

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



E78CB6



8CE7BD

# 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.



00BBC0



E78CB6



7DB677

# Square

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



E78CB6



CBA25F



49BB9A



57AFF0

# Rectangle

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



E78CB6



EA917B



49BB9A



00B9D6



# Sweetspot

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



E78CB6



FFE0EF



BD8CE7



806E76



000000



808080



# Same Dimension

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



E78CB6



FF87BE



E78F8C



73676D



B30052



330018



# Inverse Universe

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



E78CB6



FF87BE



8CE4E7



73676D



B30052



330018



# Previews

## White Background



This preview shows how the Hex color E78CB6 looks on a white background.

## Color Contrast Check

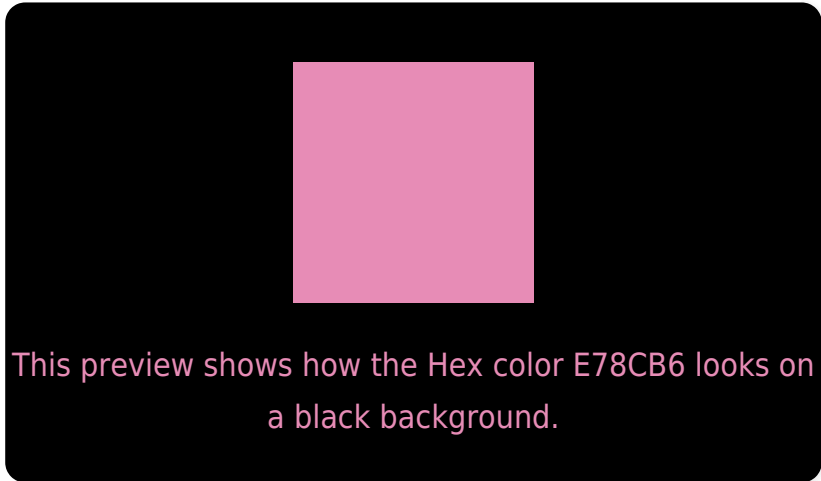
Large Text (above 18pt) WCAG AA × Fail

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 E78CB6 Background



This preview shows how black text looks on a background with the Hex color E78CB6.




This preview shows how white text looks on a background with the Hex color E78CB6.

# 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**  
E78CB6



**Protanomaly**  
BB9DC1



**Deuteranomaly**  
C79BB3

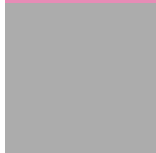


**Tritanomaly**  
E58FA5

# Monochromacy



**Original Color**  
E78CB6



**Achromatopsia**  
ACACAC



**Achromatomaly**  
C1A0B0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex E78CB6 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 #E78CB6 looks like.

```
.text, #text, p{  
    color:#E78CB6  
}
```

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 #E78CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E78CB6
}
```

## Border

The CSS property to change the border of an element to Hex E78CB6 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
#E78CB6 }
```

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

```
.border{ border-color:#E78CB6 }
```

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

Here you see how a box with a 4 pixel #E78CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E78CB6; -webkit-box-shadow:4px 4px  
4px 4px #E78CB6; box-shadow:4px 4px 4px  
4px #E78CB6 }
```

# Background

The CSS property to change the background color of an element to Hex E78CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E78CB6 }
```

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

```
.background{ background-color:#E78CB6 }
```

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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