

# Converting Colors

Hex(EA78B8)

Have a look what the booklet for  
Hex(EA78B8) contains.

<b>Hex(EA78B8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(EA78B8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EA78B8
RGB	234, 120, 184
RGB Percent	92%, 47%, 72%
CMY	0.0824, 0.5294, 0.2784
CMYK	0.00, 0.49, 0.21, 0.08
HSL	326°, 73%, 69%
HSV	326°, 49%, 92%
XYZ	49.2999, 34.3861, 49.3862
YIQ	161.3820, 47.4000, 44.0720

# Conversions

## Conversions Part 2

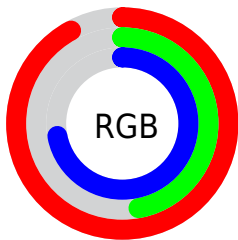
Format	Color
<b>R<sub>YB</sub></b>	234, 120, 184
Decimal	15366328
CIE <sub>Lab</sub>	65.27, 51.44, -13.55
CIE <sub>LCh</sub>	65, 53.197, 345.244
Yxy	34.3861, 0.3705, 0.2584
Android (android.graphics.Color)	4293556408 (0xFFEA78B8)
YUV	161.3820, 11.1507, 63.6860
Hunter-Lab	58.6396, 47.4503, -8.8862

# Details

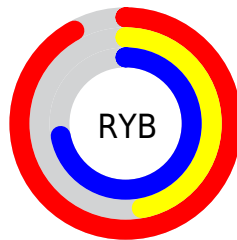
The Hex color **EA78B8** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **78EAAA**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **FFAFF0**, and **B04283** is the 20% darker color. If you saturate the color by 10%, you get **EA61AE**, and if you desaturate by 10%, it is **EA8FC2**.

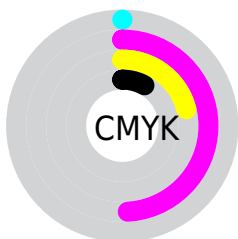
# Distribution



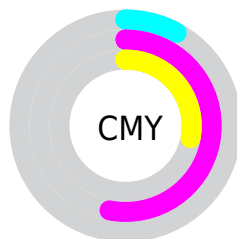
- Red (92%)
- Green (47%)
- Blue (72%)



- Red (92%)
- Yellow (47%)
- Blue (72%)



- Cyan (0%)
- Magenta (49%)
- Yellow (21%)
- Black (8%)



- Cyan (8%)
- Magenta (53%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color EA78B8 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 EA78B8 by changing the saturation by 10% instead.



 EA78B8

 EA78B8

FFFFFF

 CD5D9D

 FFAFF0

 B04283

 FFCCFF

 93266A

 FFE9FF

 780052

 5C003A

 420025

 2A000E

 000000

 EA78B8

 EA78B8

EA61AE

EA8FC2

EA49A3

EAA7CD

EA3299

EABED7

EA1A8F

EAD6E1

EA0385

EADEEB

EA0083

EAFFF6

EAFFFF

# Harmonies

## Analogous

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



C188E2



EA78B8



F77588

# Triad

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



EA78B8



A2A43D



00B3E1

# Complementary

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



EA78B8



78EAAA

# 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.



00B6B6



EA78B8



6CAF58

# Square

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



EA78B8



CD9440



00B585



00AAFA

# Rectangle

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



EA78B8



F27C6A



00B585



00B5D4



# Sweetspot

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



EA78B8



FFD9EE



A978EA



806975



000000



808080



# Same Dimension

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



EA78B8



FF6BBE



EA7880



756A70



B50066



36001E



# Inverse Universe

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



EA78B8



FF6BBE



78EAE2



756A70



B50066



36001E



# Previews

## White Background



This preview shows how the Hex color EA78B8 looks on a white background.

## Color Contrast Check

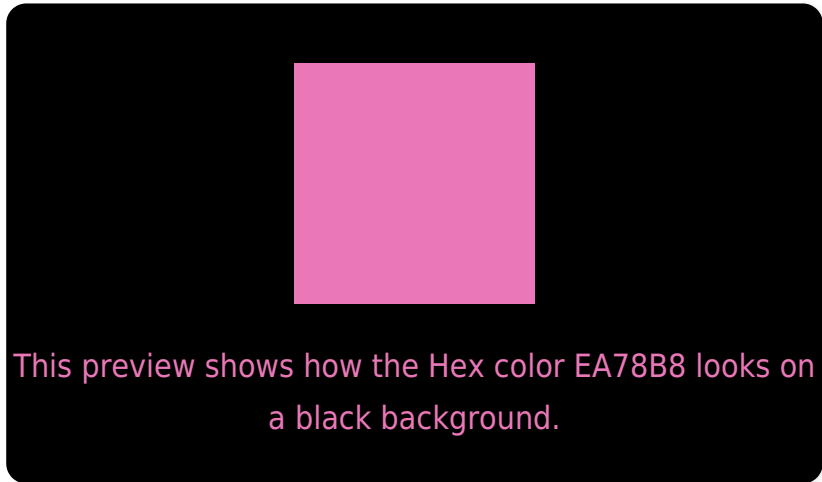
Large Text (above 18pt) WCAG AA × Fail

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 EA78B8 Background



This preview shows how black text looks on a background with the Hex color EA78B8.

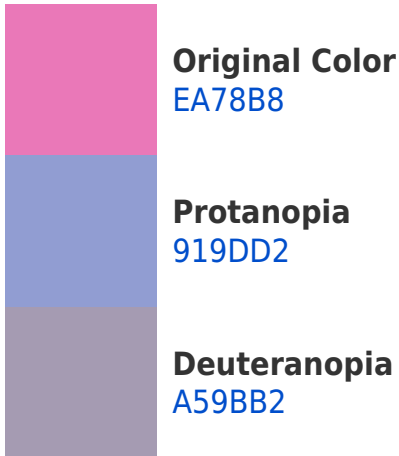


This preview shows how white text looks on a background with the Hex color EA78B8.

# 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



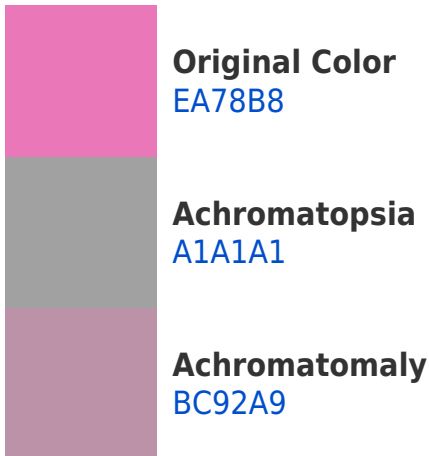


**Tritanopia**  
E5818B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex EA78B8 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 #EA78B8 looks like.

```
.text, #text, p{  
    color:#EA78B8  
}
```

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 #EA78B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EA78B8
}
```

## Border

The CSS property to change the border of an element to Hex EA78B8 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
#EA78B8 }
```

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

```
.border{ border-color:#EA78B8 }
```

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

Here you see how a box with a 4 pixel #EA78B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EA78B8; -webkit-box-shadow:4px 4px  
4px 4px #EA78B8; box-shadow:4px 4px 4px  
4px #EA78B8 }
```

# Background

The CSS property to change the background color of an element to Hex EA78B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EA78B8 }
```

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

```
.background{ background-color:#EA78B8 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor