

Converting Colors

Hex(E796B7)

Have a look what the booklet for
Hex(E796B7) contains.

Hex(E796B7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(E796B7)

Conversions

Conversions Part 1

Format	Color
Hex	E796B7
RGB	231, 150, 183
RGB Percent	91%, 59%, 72%
CMY	0.0941, 0.4118, 0.2824
CMYK	0.00, 0.35, 0.21, 0.09
HSL	336°, 63%, 75%
HSV	336°, 35%, 91%
XYZ	52.4086, 42.2205, 50.1869
YIQ	177.9810, 37.6830, 27.4350

Conversions

Conversions Part 2

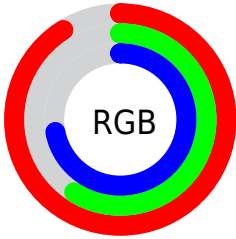
Format	Color
R _Y B	231, 150, 183
Decimal	15177399
CIE Lab	71.02, 34.91, -4.45
CIE LCh	71, 35.192, 352.730
Yxy	42.2205, 0.3619, 0.2915
Android (android.graphics.Color)	4293367479 (0xFFE796B7)
YUV	177.9810, 2.4744, 46.4977
Hunter-Lab	64.9773, 30.2620, -0.3100

Details

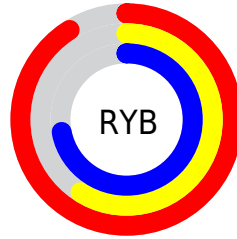
The Hex color **E796B7** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **96E7C6**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **FFCDEF**, and **AE6282** is the 20% darker color. If you saturate the color by 10%, you get **E77FA9**, and if you desaturate by 10%, it is **E7ADC5**.

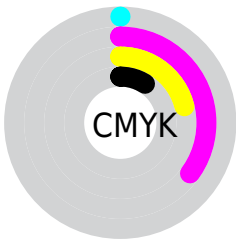
Distribution



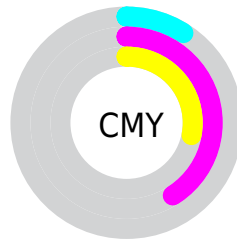
- Red (91%)
- Green (59%)
- Blue (72%)



- Red (91%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (35%)
- Yellow (21%)
- Black (9%)



- Cyan (9%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color E796B7 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 E796B7 by changing the saturation by 10% instead.

 E796B7

 E796B7

FFFFFF

 CA7C9C

 FFCDEF

 AE6282

 FFEAFF

 924969

 773051

 5D173A

 440024

 2E000F

 000000

 E796B7

 E796B7

 E77FA9

 E7ADC5

 E7689C

 E7C4D2

 E7518E

 E7DBE0

 E73A80

 E7F2EE

 E72373

 E7FFFB

 E70B65

 E7FFFF

 E7005E

Harmonies

Analogous

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



CF9DD5



E796B7



ED9797

Triad

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



E796B7



ABB372



45BBE0

Complementary

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



E796B7



96E7C6

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.



3CBFC5



E796B7



86BB86

Square

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



E796B7



CBA96E



5EBFA5



75B3ED

Rectangle

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



E796B7



E79B84



5EBFA5



3BBDD8

Sweetspot

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



E796B7



FFE3EE



C596E7



806F76



000000



808080

Same Dimension

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



E796B7



FF94C0



E79D96



73676C



B30049



330015

Inverse Universe

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



E796B7



FF94C0



96E0E7



73676C



B30049



330015

Previews

White Background



This preview shows how the Hex color E796B7 looks on a white background.

Color Contrast Check

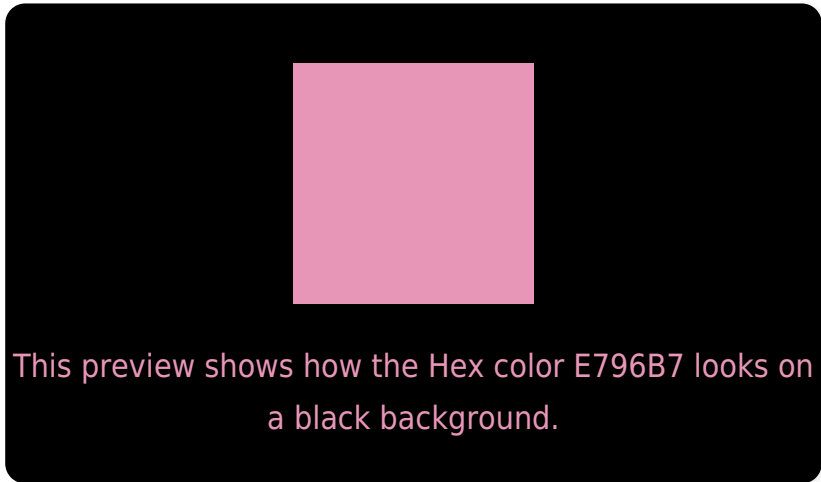
Large Text (above 18pt) WCAG AA × Fail

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 E796B7 Background



This preview shows how black text looks on a background with the Hex color E796B7.

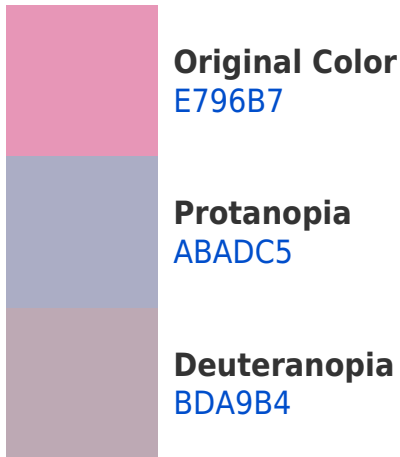


This preview shows how white text looks on a background with the Hex color E796B7.

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
E599A5

Trichromacy



Original Color
E796B7



Protanomaly
C1A5C0



Deuteranomaly
CCA2B5

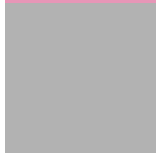


Tritanomaly
E698AC

Monochromacy



Original Color
E796B7



Achromatopsia
B2B2B2



Achromatomaly
C5A8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex E796B7 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 #E796B7 looks like.

```
.text, #text, p{  
    color:#E796B7  
}
```

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 #E796B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E796B7
}
```

Border

The CSS property to change the border of an element to Hex E796B7 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
#E796B7 }
```

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

```
.border{ border-color:#E796B7 }
```

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

Here you see how a box with a 4 pixel #E796B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E796B7; -webkit-box-shadow:4px 4px  
4px 4px #E796B7; box-shadow:4px 4px 4px  
4px #E796B7 }
```

Background

The CSS property to change the background color of an element to Hex E796B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E796B7 }
```

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

```
.background{ background-color:#E796B7 }
```

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