

# Converting Colors

Hex(CE597F)

Have a look what the booklet for  
Hex(CE597F) contains.

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# Color

**Hex(CE597F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CE597F
RGB	206, 89, 127
RGB Percent	81%, 35%, 50%
CMY	0.1922, 0.6510, 0.5020
CMYK	0.00, 0.57, 0.38, 0.19
HSL	341°, 54%, 58%
HSV	341°, 57%, 81%
XYZ	32.8567, 21.7989, 22.5545
YIQ	128.3150, 57.5340, 36.6220

# Conversions

## Conversions Part 2

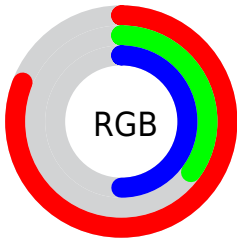
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	206, 89, 127
Decimal	13523327
CIE <sub>Lab</sub>	53.81, 49.99, 2.03
CIE <sub>LCh</sub>	54, 50.036, 2.325
Yxy	21.7989, 0.4255, 0.2823
Android (android.graphics.Color)	4291713407 (0xFFCE597F)
YUV	128.3150, -0.6483, 68.1297
Hunter-Lab	46.6893, 43.9100, 4.0408

# Details

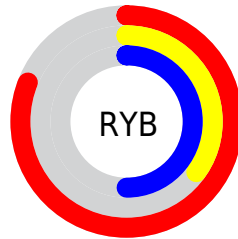
The Hex color **CE597F** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **59CEA8**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF8FB4**, and **94214E** is the 20% darker color. If you saturate the color by 10%, you get **CE4471**, and if you desaturate by 10%, it is **CE6E8D**.

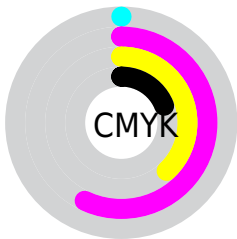
# Distribution



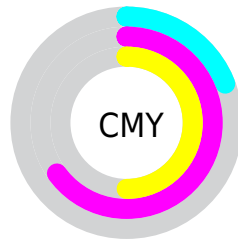
- Red (81%)
- Green (35%)
- Blue (50%)



- Red (81%)
- Yellow (35%)
- Blue (50%)



- Cyan (0%)
- Magenta (57%)
- Yellow (38%)
- Black (19%)



- Cyan (19%)
- Magenta (65%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CE597F 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 CE597F by changing the saturation by 10% instead.



 CE597F

 CE597F

FFFFFF

 B13E66

 FF8FB4

 94214E

 FFABCF

 770038

 FFC7EB

 5C0022

 FFE4FF

 41000C

 250001

 000000

 CE597F

 CE597F

 CE4471

 CE6E8D

 CE3063

 CE829B

 CE1B55

 CE97A9

 CE0747

 CEABB7

 CE0043

 CEC0C5

 CED5D2

 CEE9E0

 CEFEEE

 CEFFFC

# Harmonies

## Analogous

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



B862A9



CE597F



CC6055

# Triad

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



CE597F



698B33



008FCC

# Complementary

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



CE597F



59CEA8

# 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.



0095AE



CE597F



269257

# Square

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



CE597F



958023



009683



2084D7

# Rectangle

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



CE597F



C06A3D



009683



0092C4



# Sweetspot

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



CE597F



FFD4E2



A759CE



80666E



000000



808080



# Same Dimension

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



CE597F



FF528A



CE6C59



665C5F



A60036



26000C



# Inverse Universe

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



CE597F



FF528A



59BACE



665C5F



A60036



26000C



# Previews

## White Background



This preview shows how the Hex color CE597F looks on a white background.

## Color Contrast Check

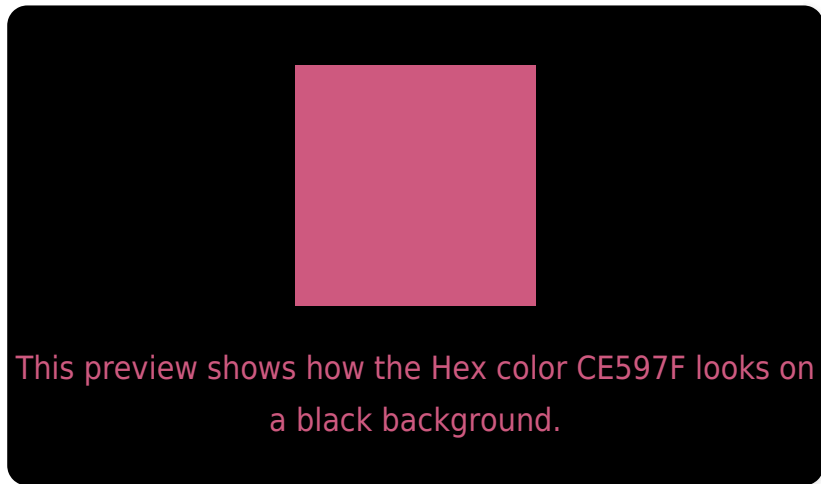
Large Text (above 18pt) WCAG AA ✓ Pass

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

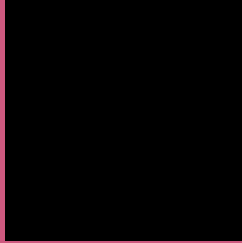
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CE597F Background



This preview shows how black text looks on a background with the Hex color CE597F.



This preview shows how white text looks on a background with the Hex color CE597F.

# 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



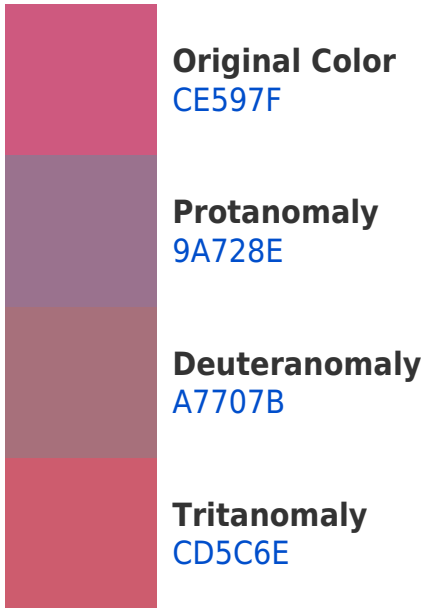
**Original Color**  
CE597F

**Protanopia**  
7D8096

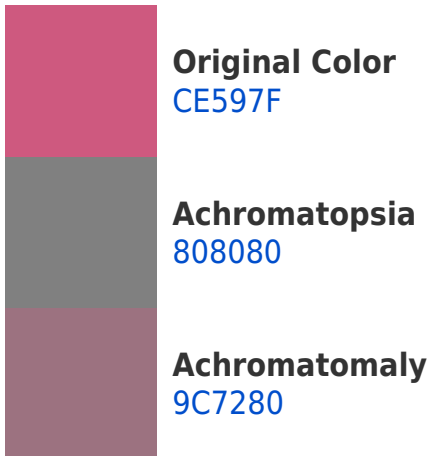
**Deuteranopia**  
907D79



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CE597F 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 #CE597F looks like.

```
.text, #text, p{  
    color:#CE597F  
}
```

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 #CE597F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CE597F  
}
```

## Border

The CSS property to change the border of an element to Hex CE597F is called "border". The border property can be set on classes, ids or directly on the HTML element.

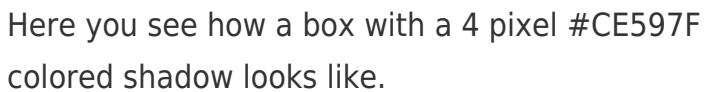
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#CE597F }
```

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

```
.border{ border-color:#CE597F }
```

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



Here you see how a box with a 4 pixel `#CE597F` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CE597F; -webkit-box-shadow:4px 4px  
4px 4px #CE597F; box-shadow:4px 4px 4px  
4px #CE597F }
```

# Background

The CSS property to change the background color of an element to Hex CE597F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CE597F }
```

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

```
.background{ background-color:#CE597F }
```

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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