

# Converting Colors

Hex(E5798A)

Have a look what the booklet for  
Hex(E5798A) contains.

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# **Color**

**Hex(E5798A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5798A
RGB	229, 121, 138
RGB Percent	90%, 47%, 54%
CMY	0.1020, 0.5255, 0.4588
CMYK	0.00, 0.47, 0.40, 0.10
HSL	351°, 68%, 69%
HSV	351°, 47%, 90%
XYZ	43.7379, 32.1677, 27.9485
YIQ	155.2300, 58.9110, 28.1830

# Conversions

## Conversions Part 2

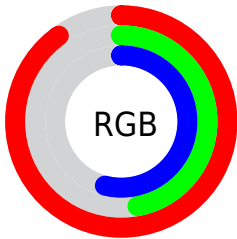
Format	Color
R <sub>Y</sub> B	229, 121, 138
Decimal	15038858
CIE Lab	63.48, 43.43, 9.93
CIE LCh	63, 44.550, 12.881
Yxy	32.1677, 0.4211, 0.3097
Android (android.graphics.Color)	4293228938 (0xFFE5798A)
YUV	155.2300, -8.4944, 64.6963
Hunter-Lab	56.7166, 38.3991, 10.4850

# Details

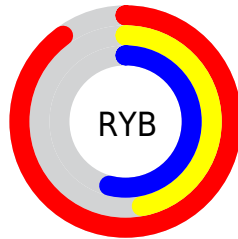
The Hex color **E5798A** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79E5D4**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **FFAFBF**, and **AA4558** is the 20% darker color. If you saturate the color by 10%, you get **E56277**, and if you desaturate by 10%, it is **E5909D**.

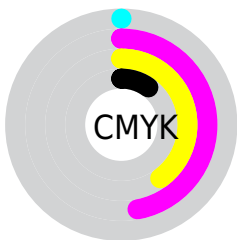
# Distribution



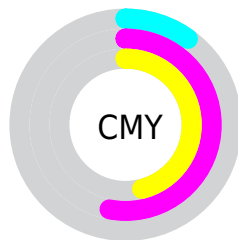
- Red (90%)
- Green (47%)
- Blue (54%)



- Red (90%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (47%)
- Yellow (40%)
- Black (10%)



- Cyan (10%)
- Magenta (53%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color E5798A 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 E5798A by changing the saturation by 10% instead.



 E5798A

 E5798A

FFFFFF

 C75F71


 FFAFBF

 AA4558

 FFCCDB

 8E2A41

 FFE8F8

 710B2B

 560017

 3C0000

 1D0001

 000000

 E5798A

 E5798A

 E56277

 E5909D

 E54B63

 E5A7B1

 E53450

 E5BEC4

 E51D3D

 E5D5D7

 E5062A

 E5ECEA

 E50024

 E5FFFE

 E5FFFF

# Harmonies

## Analogous

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



D87CB2



E5798A



DD8166

# Triad

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



E5798A



75A75E



00A4E5

# Complementary

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



E5798A



79E5D4

# 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.



00ACCF



E5798A



3AAC81

# Square

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



E5798A



A19D4A



00AEAA



7898E7

# Rectangle

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



E5798A



CE8B53



00AEAA



00A7E0



# Sweetspot

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



E5798A



FFDBE1



D379E5



806A6D



000000



808080



# Same Dimension

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



E5798A



FF6E85



E59D79



736769



B3001C



330008



# Inverse Universe

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



E5798A



FF6E85



79C1E5



736769



B3001C



330008



# Previews

## White Background



This preview shows how the Hex color E5798A looks on a white background.

## Color Contrast Check

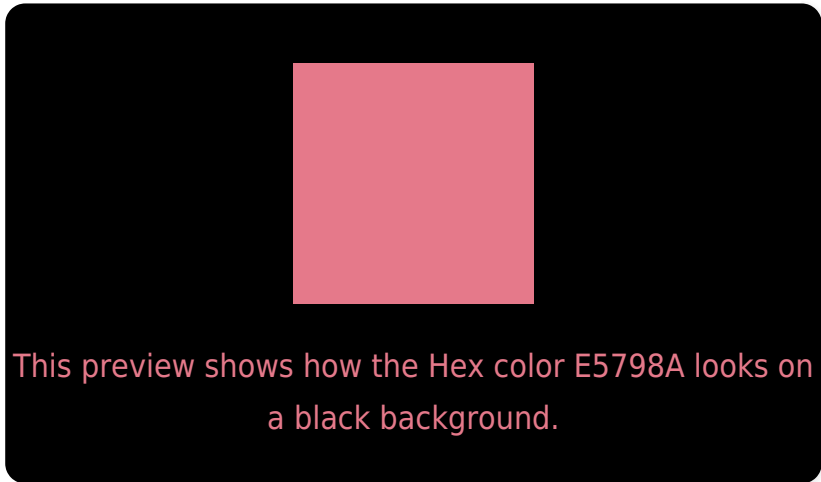
Large Text (above 18pt) WCAG AA × Fail

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 E5798A Background



This preview shows how black text looks on a background with the Hex color E5798A.



This preview shows how white text looks on a background with the Hex color E5798A.

# 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](#).

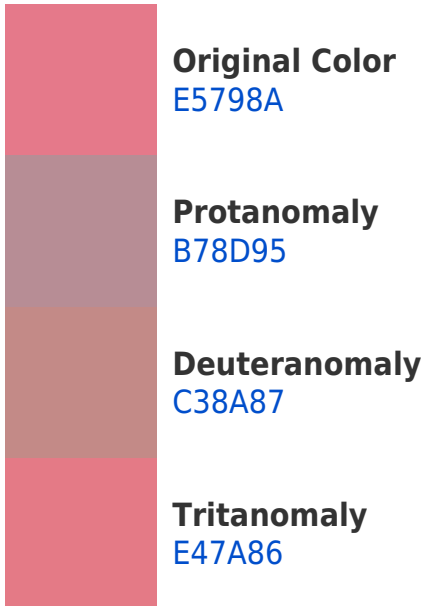
## Dichromacy





**Tritanopia**  
E47A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex E5798A 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 #E5798A looks like.

```
.text, #text, p{  
    color:#E5798A  
}
```

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 #E5798A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E5798A
}
```

## Border

The CSS property to change the border of an element to Hex E5798A 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
#E5798A }
```

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

```
.border{ border-color:#E5798A }
```

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

Here you see how a box with a 4 pixel #E5798A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E5798A; -webkit-box-shadow:4px 4px  
4px 4px #E5798A; box-shadow:4px 4px 4px  
4px #E5798A }
```

# Background

The CSS property to change the background color of an element to Hex E5798A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E5798A }
```

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

```
.background{ background-color:#E5798A }
```

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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