

# Converting Colors

Hex(C7778E)

Have a look what the booklet for  
Hex(C7778E) contains.

<b>Hex(C7778E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Hex(C7778E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C7778E
RGB	199, 119, 142
RGB Percent	78%, 47%, 56%
CMY	0.2196, 0.5333, 0.4431
CMYK	0.00, 0.40, 0.29, 0.22
HSL	343°, 42%, 62%
HSV	343°, 40%, 78%
XYZ	35.0325, 27.2888, 29.0120
YIQ	145.5420, 40.2970, 24.1130

# Conversions

## Conversions Part 2

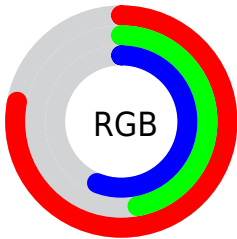
Format	Color
R <sub>Y</sub> B	199, 119, 142
Decimal	13072270
CIE Lab	59.24, 34.18, 1.03
CIE LCh	59, 34.195, 1.723
Yxy	27.2888, 0.3836, 0.2988
Android (android.graphics.Color)	4291262350 (0xFFC7778E)
YUV	145.5420, -1.7462, 46.8827
Hunter-Lab	52.2386, 28.2888, 3.6389

# Details

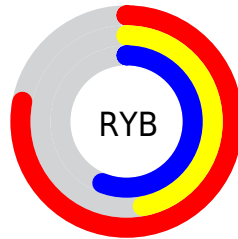
The Hex color **C7778E** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **77C7B0**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **FFACC4**, and **8F445C** is the 20% darker color. If you saturate the color by 10%, you get **C76380**, and if you desaturate by 10%, it is **C78B9C**.

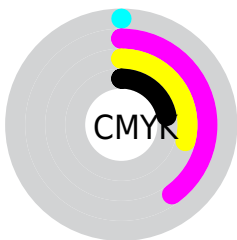
# Distribution



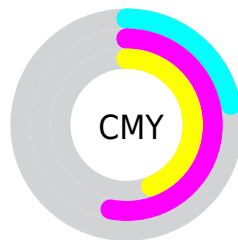
- Red (78%)
- Green (47%)
- Blue (56%)



- Red (78%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (40%)
- Yellow (29%)
- Black (22%)



- Cyan (22%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C7778E 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 C7778E by changing the saturation by 10% instead.



 C7778E

 C7778E

FFFFFF

 AB5D74

 FFACC4

 8F445C

 FFC8E0

 742C44

 FFE5FC

 5A132E

 40001A

 2B0001

 000000

 C7778E

 C7778E

 C76380

 C78B9C

 C74F72

 C79FAA

 C73B63

 C7B3B9

 C72755

 C7C7C7

 C71447

 C7DBD5

 C70039

 C7EEE3

 C7FFF1

 C7FFFF

# Harmonies

## Analogous

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



B67CAC



C7778E



C77A71

# Triad

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



C7778E



81965A



2B99C3

# Complementary

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



C7778E



77C7B0

# 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.



009EAD



C7778E



5D9C71

# Square

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



C7778E



A08D52



319F8F



6591CA

# Rectangle

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



C7778E



BF8061



319F8F



139BBD



# Sweetspot

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



C7778E



FFE0E9



AF77C7



806E73



000000



808080



# Same Dimension

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



C7778E



FF85A8



C78777



635A5C



A3002F



24000A



# Inverse Universe

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



C7778E



FF85A8



77B7C7



635A5C



A3002F

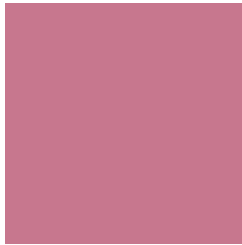


24000A



# Previews

## White Background



This preview shows how the Hex color C7778E looks on a white background.

## Color Contrast Check

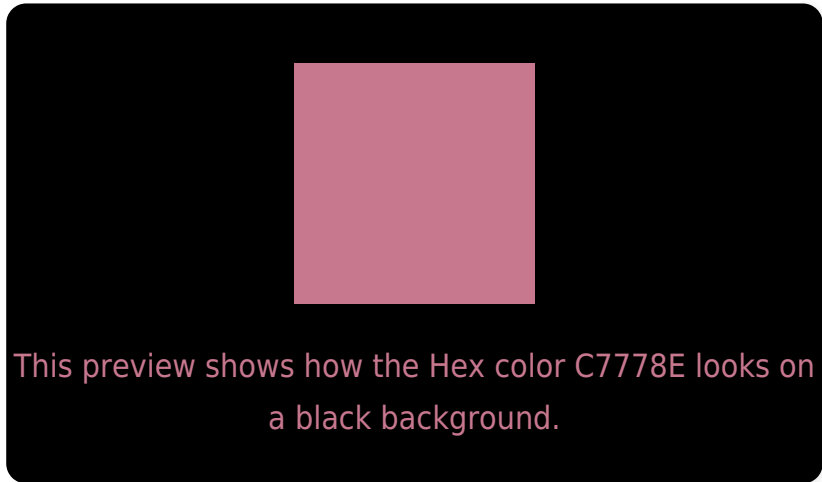
Large Text (above 18pt) WCAG AA ✓ Pass

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 C7778E Background



This preview shows how black text looks on a background with the Hex color C7778E.



This preview shows how white text looks on a background with the Hex color C7778E.

# 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**  
C7778E

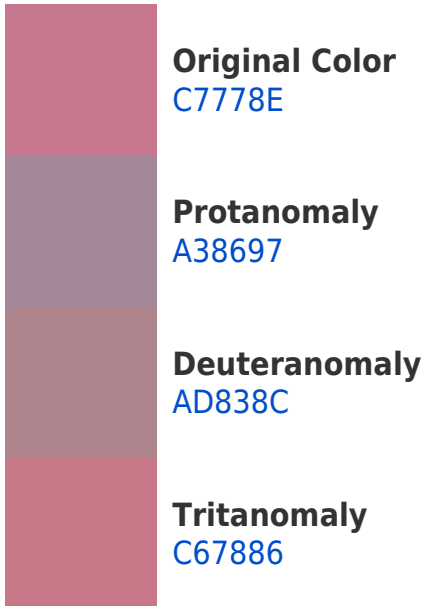
**Protanopia**  
8E8E9C

**Deuteranopia**  
9E8A8B



**Tritanopia**  
C67982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C7778E 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 #C7778E looks like.

```
.text, #text, p{  
    color:#C7778E  
}
```

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 #C7778E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C7778E
}
```

## Border

The CSS property to change the border of an element to Hex C7778E is called "border". The border property can be set on classes, ids or directly on the HTML element.

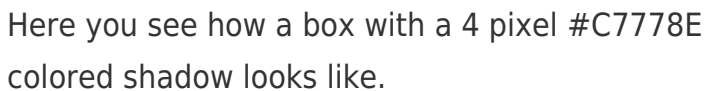
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C7778E }
```

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

```
.border{ border-color:#C7778E }
```

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



Here you see how a box with a 4 pixel #C7778E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C7778E; -webkit-box-shadow:4px 4px  
4px 4px #C7778E; box-shadow:4px 4px 4px  
4px #C7778E }
```

# Background

The CSS property to change the background color of an element to Hex C7778E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C7778E }
```

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

```
.background{ background-color:#C7778E }
```

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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