

# Converting Colors

Hex(795C7C)

Have a look what the booklet for  
Hex(795C7C) contains.

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# Color

Hex(795C7C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	795C7C
RGB	121, 92, 124
RGB Percent	47%, 36%, 49%
CMY	0.5255, 0.6392, 0.5137
CMYK	0.02, 0.26, 0.00, 0.51
HSL	294°, 15%, 42%
HSV	294°, 26%, 49%
XYZ	15.3504, 13.1745, 20.8027
YIQ	104.3190, 7.0120, 16.1000

# Conversions

## Conversions Part 2

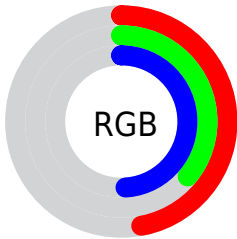
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 92, 124
Decimal	7953532
CIE Lab	43.02, 17.87, -13.42
CIE LCh	43, 22.351, 323.090
Yxy	13.1745, 0.3112, 0.2671
Android (android.graphics.Color)	4286143612 (0xFF795C7C)
YUV	104.3190, 9.7027, 14.6292
Hunter-Lab	36.2967, 11.9711, -8.5731

# Details

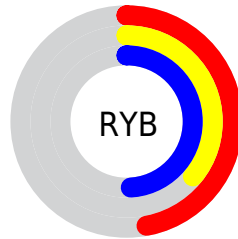
The Hex color **795C7C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5F7C5C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AE8EB1**, and **482E4B** is the 20% darker color. If you saturate the color by 10%, you get **78507C**, and if you desaturate by 10%, it is **7A687C**.

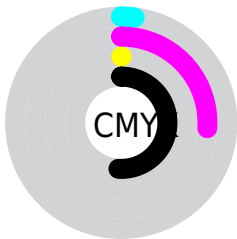
# Distribution



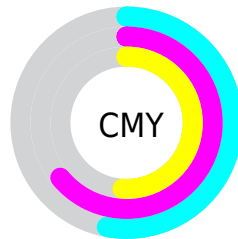
- Red (47%)
- Green (36%)
- Blue (49%)



- Red (47%)
- Yellow (36%)
- Blue (49%)



- Cyan (2%)
- Magenta (26%)
- Yellow (0%)
- Black (51%)



- Cyan (53%)
- Magenta (64%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 795C7C 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 795C7C by changing the saturation by 10% instead.



 795C7C

 795C7C

FFFFFF

 604463

 AE8EB1

 482E4B

 C9A9CC

 311834

 E5C4E8

 1D001F

 FFE0FF

 000003

 FFFDFD

 000000

 795C7C

 795C7C

 78507C

 7A687C

 77437C

 7B757C

76377C

7C817C

742A7C

7E8E7C

731E7C

7F9A7C

72127C

80A67C

71057C

81B37C

70007C

82BF7C

83CC7C

# Harmonies

## Analogous

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



626287



795C7C



87586B

# Triad

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



795C7C



766341



287073

# Complementary

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



795C7C



5F7C5C

# 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.



386F61



795C7C



646943

# Square

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



795C7C



845D49



4E6D4F



2D6D83

# Rectangle

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



795C7C



8A585E



4E6D4F



2C706D



# Sweetspot

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



795C7C



9F94A1



5C5F7C



514952



D1D1D1



525252



# Same Dimension

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



795C7C



9C6FA1



7C5C6F



3D373D



71007D



E500FC



# Inverse Universe

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



7C5C5F



A16F74



5C7C69



3D3738



7D000C

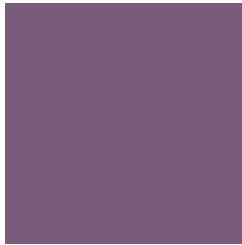


FC0018



# Previews

## White Background



This preview shows how the Hex color 795C7C looks on a white background.

## Color Contrast Check

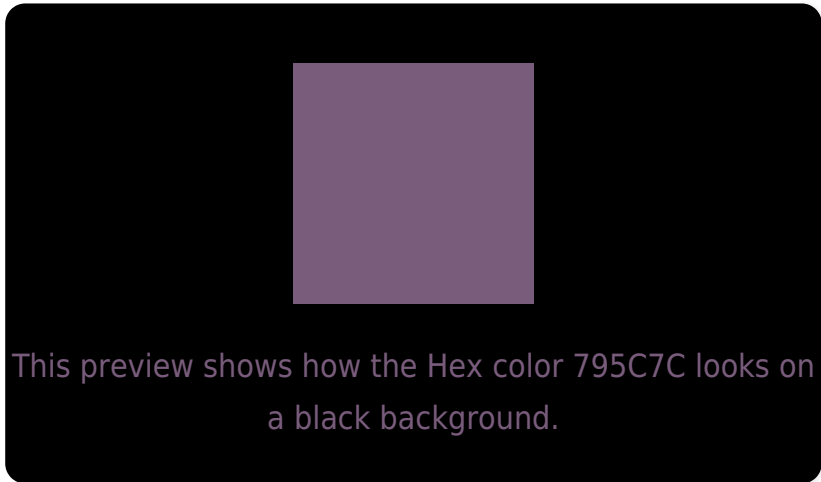
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

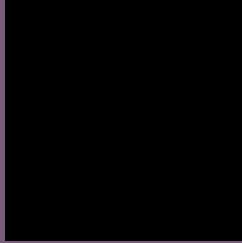
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795C7C Background



This preview shows how black text looks on a background with the Hex color 795C7C.



This preview shows how white text looks on a background with the Hex color 795C7C.

# 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**  
795C7C

**Protanopia**  
5E6582

**Deuteranopia**  
65647B



**Tritanopia**  
766067

# Trichromacy



**Original Color**  
795C7C

**Protanomaly**  
686280

**Deuteranomaly**  
6C617B

**Tritanomaly**  
775F6F

# Monochromacy



**Original Color**  
795C7C

**Achromatopsia**  
686868

**Achromatomaly**  
6E646F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795C7C 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 #795C7C looks like.

```
.text, #text, p{  
    color:#795C7C  
}
```

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 #795C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795C7C
}
```

## Border

The CSS property to change the border of an element to Hex 795C7C is called "border". The border property can be set on classes, ids or directly on the HTML element.

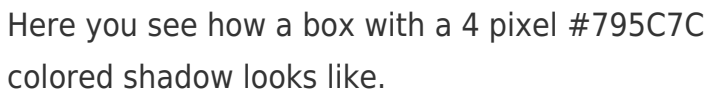
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#795C7C }
```

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

```
.border{ border-color:#795C7C }
```

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



Here you see how a box with a 4 pixel #795C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795C7C; -webkit-box-shadow:4px 4px  
4px 4px #795C7C; box-shadow:4px 4px 4px  
4px #795C7C }
```

# Background

The CSS property to change the background color of an element to Hex 795C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795C7C }
```

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

```
.background{ background-color:#795C7C }
```

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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