

# Converting Colors

Hex(795C77)

Have a look what the booklet for  
Hex(795C77) contains.

<b>Hex(795C77)</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(795C77)

# Conversions

## Conversions Part 1

Format	Color
Hex	795C77
RGB	121, 92, 119
RGB Percent	47%, 36%, 47%
CMY	0.5255, 0.6392, 0.5333
CMYK	0.00, 0.24, 0.02, 0.53
HSL	304°, 14%, 42%
HSV	304°, 24%, 47%
XYZ	15.0421, 13.0511, 19.1791
YIQ	103.7490, 8.6170, 14.5450

# Conversions

## Conversions Part 2

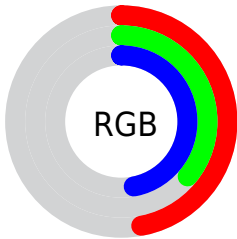
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 92, 119
Decimal	7953527
CIE Lab	42.84, 16.83, -10.66
CIE LCh	43, 19.926, 327.645
Yxy	13.0511, 0.3182, 0.2761
Android (android.graphics.Color)	4286143607 (0xFF795C77)
YUV	103.7490, 7.5187, 15.1291
Hunter-Lab	36.1264, 11.1016, -6.1879

# Details

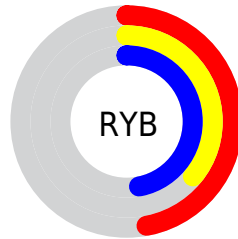
The Hex color **795C77** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5C795E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **AE8EAB**, and **482E47** is the 20% darker color. If you saturate the color by 10%, you get **795076**, and if you desaturate by 10%, it is **796878**.

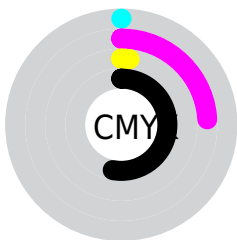
# Distribution



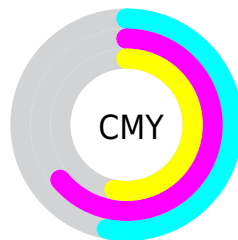
- Red (47%)
- Green (36%)
- Blue (47%)



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



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (53%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 795C77 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 795C77 by changing the saturation by 10% instead.



 795C77

 795C77

FFFFFF

 60445E

 AE8EAB

 482E47

 C9A9C7

 311830

 E5C4E3

 1E001C

 FFE0FF

 000000

 FFFDFD

 795C77

 795C77

 795076

 796878

 794475

 797479

793874

79807A

792C74

798C7A

791F73

79997B

791372

79A57C

790771

79B17D

790071

79BD7E

79C97F

# Harmonies

## Analogous

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



666182



795C77



845967

# Triad

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



795C77



726444



316E74

# Complementary

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



795C77



5C795E

# 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.



3C6E63



795C77



616948

# Square

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



795C77



7F5E4A



4E6C53



396C80

# Rectangle

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



795C77



86595C



4E6C53



336E6F



# Sweetspot

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



795C77



9E939D



5E5C79



4F494F



CFCFCF



4F4F4F



# Same Dimension

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



795C77



9E709B



795C69



3D373D



7D0074



FC00EB



# Inverse Universe

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



795C77



9E709B



5C796C



3D373D



7D0074

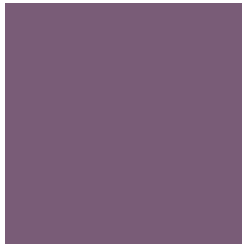


FC00EB



# Previews

## White Background



This preview shows how the Hex color 795C77 looks on a white background.

## Color Contrast Check

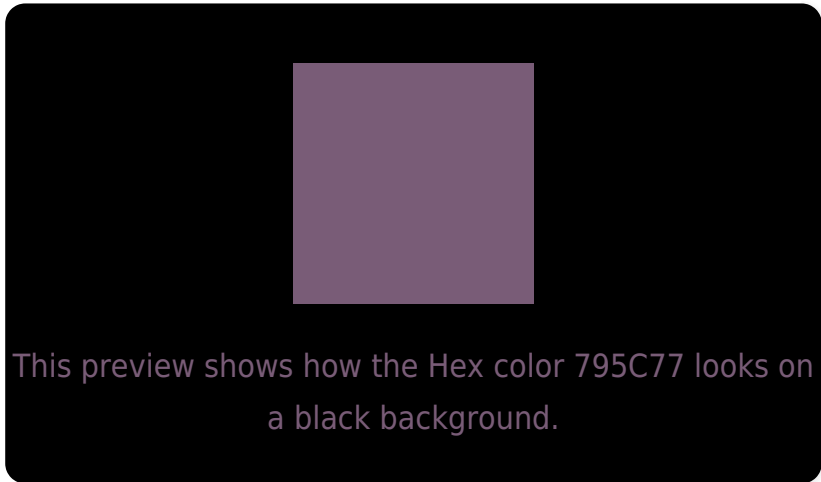
Large Text (above 18pt) WCAG AA ✓ Pass

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

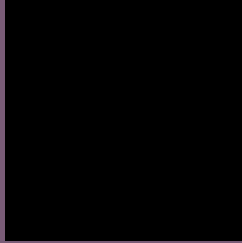
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 795C77 Background



This preview shows how black text looks on a background with the Hex color 795C77.



This preview shows how white text looks on a background with the Hex color 795C77.

# 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**  
775F66

# Trichromacy



**Original Color**

795C77

**Protanomaly**

69617B

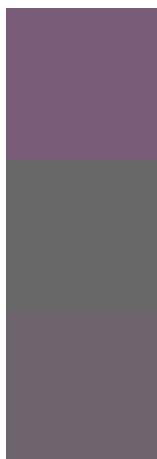
**Deuteranomaly**

6E6076

**Tritanomaly**

785E6C

# Monochromacy



**Original Color**

795C77

**Achromatopsia**

686868

**Achromatomaly**

6E646D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 795C77 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 #795C77 looks like.

```
.text, #text, p{  
    color:#795C77  
}
```

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 #795C77 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795C77  
}
```

## Border

The CSS property to change the border of an element to Hex 795C77 is called "border". The border property can be set on classes, ids or directly on the HTML element.

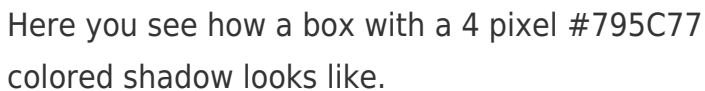
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#795C77 }
```

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

```
.border{ border-color:#795C77 }
```

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



Here you see how a box with a 4 pixel `#795C77` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795C77; -webkit-box-shadow:4px 4px  
4px 4px #795C77; box-shadow:4px 4px 4px  
4px #795C77 }
```

# Background

The CSS property to change the background color of an element to Hex 795C77 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795C77 }
```

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

```
.background{ background-color:#795C77 }
```

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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