

Converting Colors

Hex(795C80)

Have a look what the booklet for
Hex(795C80) contains.

Hex(795C80)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(795C80)

Conversions

Conversions Part 1

Format	Color
Hex	795C80
RGB	121, 92, 128
RGB Percent	47%, 36%, 50%
CMY	0.5255, 0.6392, 0.4980
CMYK	0.05, 0.28, 0.00, 0.50
HSL	288°, 16%, 43%
HSV	288°, 28%, 50%
XYZ	15.6086, 13.2778, 22.1623
YIQ	104.7750, 5.7280, 17.3440

Conversions

Conversions Part 2

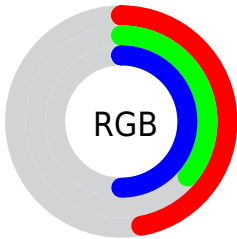
Format	Color
R_{YB}	121, 92, 128
Decimal	7953536
CIE _{Lab}	43.18, 18.73, -15.61
CIE _{LCh}	43, 24.382, 320.177
Yxy	13.2778, 0.3058, 0.2601
Android (android.graphics.Color)	4286143616 (0xFF795C80)
YUV	104.7750, 11.4499, 14.2293
Hunter-Lab	36.4387, 12.6933, -10.5536

Details

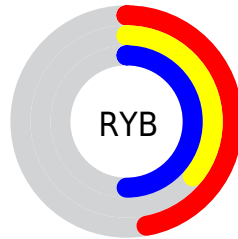
The Hex color **795C80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **63805C**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AE8FB5**, and **482E4F** is the 20% darker color. If you saturate the color by 10%, you get **774F80**, and if you desaturate by 10%, it is **7B6980**.

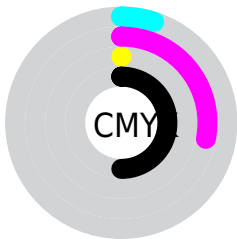
Distribution



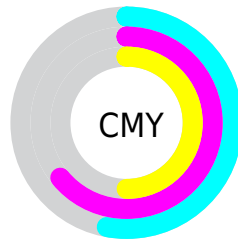
- Red (47%)
- Green (36%)
- Blue (50%)



- Red (47%)
- Yellow (36%)
- Blue (50%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (64%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 795C80 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 795C80 by changing the saturation by 10% instead.

■ 795C80

■ 795C80

FFFFFF

■ 604467

■ AE8FB5

■ 482E4F

■ C9A9D0

■ 311838

■ E6C4ED

■ 1D0022

■ FFE0FF

■ 000009

■ FFFDFD

■ 000000

■ 795C80

■ 795C80

■ 774F80

■ 7B6980

■ 744280

■ 7E7680

723680

808280

6F2980

838F80

6D1C80

859C80

6A0F80

88A980

680280

8AB680

670080

8DC280

8FCF80

Harmonies

Analogous

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



5F638C



795C80



89576D

Triad

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



795C80



7A623E



1E7173

Complementary

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



795C80



63805C

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.



35705E



795C80



666940

Square

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



795C80



885C48



4F6E4C



206F84

Rectangle

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



795C80



8D5760



4F6E4C



25716C

Sweetspot

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



795C80



A398A6



5C6380



534C54



D4D4D4



545454

Same Dimension

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



795C80



9B6DA6



805C75



3F3940



670080



000000

Inverse Universe

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



805C63



A66D78



5C8067



40393B



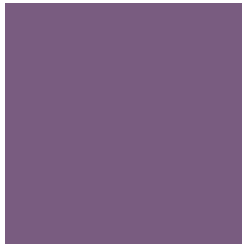
800019



000000

Previews

White Background



This preview shows how the Hex color 795C80 looks on a white background.

Color Contrast Check

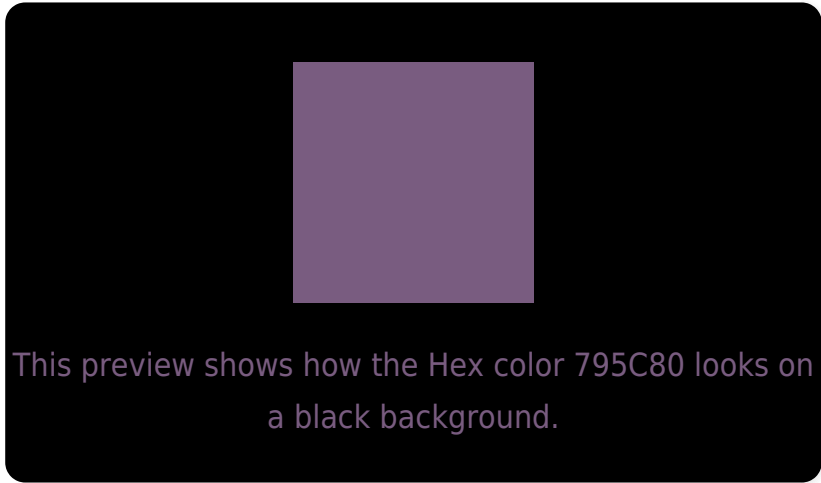
Large Text (above 18pt) WCAG AA ✓ Pass

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

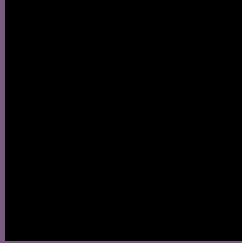
Any Text WCAG AA × Fail

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 795C80 Background



This preview shows how black text looks on a background with the Hex color 795C80.



This preview shows how white text looks on a background with the Hex color 795C80.

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
766168

Trichromacy



Original Color
795C80

Protanomaly
676284

Deuteranomaly
6C617F

Tritanomaly
775F71

Monochromacy



Original Color
795C80

Achromatopsia
696969

Achromatomaly
6F6471

CSS Examples

Text

The CSS property to change the color of the text to Hex 795C80 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 #795C80 looks like.

```
.text, #text, p{  
    color:#795C80  
}
```

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 #795C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #795C80
}
```

Border

The CSS property to change the border of an element to Hex 795C80 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
#795C80 }
```

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

```
.border{ border-color:#795C80 }
```

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

Here you see how a box with a 4 pixel #795C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #795C80; -webkit-box-shadow:4px 4px  
4px 4px #795C80; box-shadow:4px 4px 4px  
4px #795C80 }
```

Background

The CSS property to change the background color of an element to Hex 795C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#795C80 }
```

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

```
.background{ background-color:#795C80 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor