

# Converting Colors

Hex(797C9C)

Have a look what the booklet for  
Hex(797C9C) contains.

<b>Hex(797C9C)</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(797C9C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	797C9C
RGB	121, 124, 156
RGB Percent	47%, 49%, 61%
CMY	0.5255, 0.5137, 0.3882
CMYK	0.22, 0.21, 0.00, 0.39
HSL	235°, 15%, 54%
HSV	235°, 22%, 61%
XYZ	21.0936, 20.8806, 34.3711
YIQ	126.7510, -12.0600, 9.3160

# Conversions

## Conversions Part 2

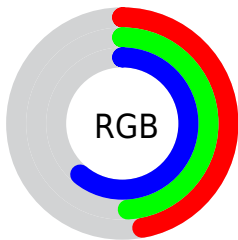
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 124, 156
Decimal	7961756
CIE <sub>Lab</sub>	52.82, 6.09, -17.53
CIE <sub>LCh</sub>	53, 18.553, 289.156
Yxy	20.8806, 0.2763, 0.2735
Android (android.graphics.Color)	4286151836 (0xFF797C9C)
YUV	126.7510, 14.4198, -5.0436
Hunter-Lab	45.6952, 2.4314, -12.6101

# Details

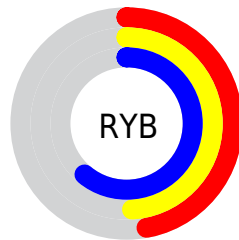
The Hex color **797C9C** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9C9979**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **AEB0D3**, and **484B69** is the 20% darker color. If you saturate the color by 10%, you get **696E9C**, and if you desaturate by 10%, it is **898A9C**.

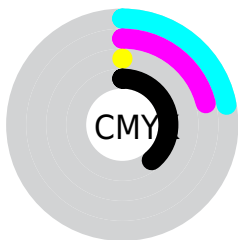
# Distribution



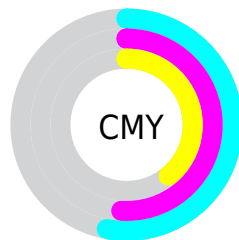
- Red (47%)
- Green (49%)
- Blue (61%)



- Red (47%)
- Yellow (49%)
- Blue (61%)



- Cyan (22%)
- Magenta (21%)
- Yellow (0%)
- Black (39%)



- Cyan (53%)
- Magenta (51%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 797C9C 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 797C9C by changing the saturation by 10% instead.



■ 797C9C

■ 797C9C

FFFFFF

■ 606382

■ AEB0D3

■ 484B69

■ C9CCEF

■ 303550

■ E6E8FF

■ 1A2039

■ 040724

■ 00000C

■ 000000

■ 797C9C

■ 797C9C

■ 696E9C

■ 898A9C

5A5F9C

98999C

4A519C

A8A79C

3B439C

B7B59C

2B359C

C7C39C

1B269C

D7D29C

0C189C

E6E09C

000D9C

F6EE9C

FFFC9C

# Harmonies

## Analogous

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



63819D



797C9C



8D7793

# Triad

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



797C9C



9B7667



5C8778

# Complementary

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



797C9C



9C9979

# 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.



6D8469



797C9C



8F7B5F

# Square

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



797C9C



9F7374



7F8060



518788

# Rectangle

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



797C9C



97748A



7F8060



618672



# Sweetspot

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



797C9C



BEBFCC



799C99



5E5F66



E6E6E6



666666



# Same Dimension

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



797C9C



959ACC



87799C



47484F



000C8F



00010F



# Inverse Universe

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



9C797C



CC959A



8E9C79



4F4748



8F000C



0F0001



# Previews

## White Background



This preview shows how the Hex color 797C9C looks on a white background.

## Color Contrast Check

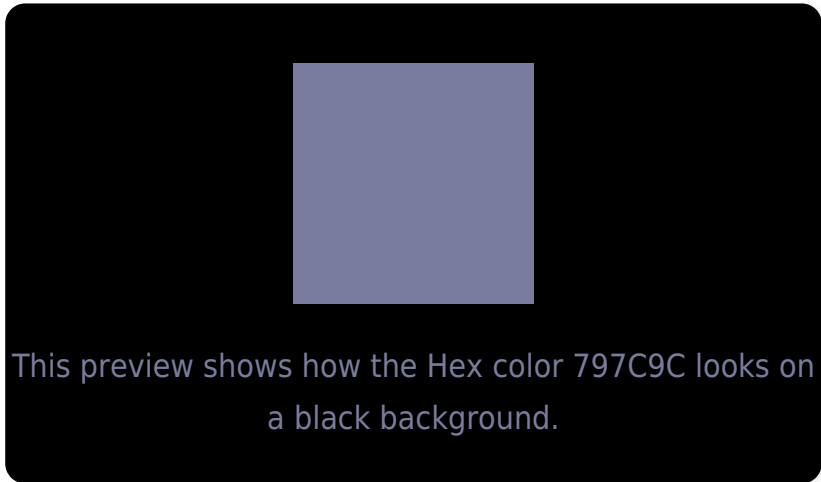
Large Text (above 18pt) WCAG AA ✓ Pass

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

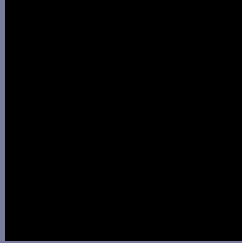
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 797C9C Background



This preview shows how black text looks on a background with the Hex color 797C9C.



This preview shows how white text looks on a background with the Hex color 797C9C.

# 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**  
797C9C

**Protanopia**  
767D9C

**Deuteranopia**  
7B7B9C



**Tritanopia**  
757F89

# Trichromacy



**Original Color**  
797C9C

**Protanomaly**  
777D9C

**Deuteranomaly**  
7A7B9C

**Tritanomaly**  
767E90

# Monochromacy



**Original Color**  
797C9C

**Achromatopsia**  
7F7F7F

**Achromatomaly**  
7D7E8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 797C9C 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 #797C9C looks like.

```
.text, #text, p{  
    color:#797C9C  
}
```

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 #797C9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #797C9C
}
```

## Border

The CSS property to change the border of an element to Hex 797C9C 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
#797C9C }
```

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

```
.border{ border-color:#797C9C }
```

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

Here you see how a box with a 4 pixel #797C9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #797C9C; -webkit-box-shadow:4px 4px  
4px 4px #797C9C; box-shadow:4px 4px 4px  
4px #797C9C }
```

# Background

The CSS property to change the background color of an element to Hex 797C9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#797C9C }
```

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

```
.background{ background-color:#797C9C }
```

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