

# Converting Colors

Hex(3D797C)

Have a look what the booklet for  
Hex(3D797C) contains.

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**Color**

**Hex(3D797C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D797C
RGB	61, 121, 124
RGB Percent	24%, 47%, 49%
CMY	0.7608, 0.5255, 0.5137
CMYK	0.51, 0.02, 0.00, 0.51
HSL	183°, 34%, 36%
HSV	183°, 51%, 49%
XYZ	12.3999, 16.1221, 21.5271
YIQ	103.4020, -36.7230, -11.7870

# Conversions

## Conversions Part 2

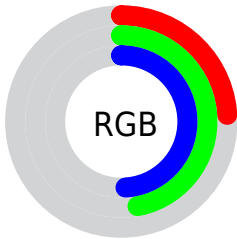
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 92, 124
Decimal	4028796
CIELab	47.13, -18.54, -7.66
CIELCh	47, 20.062, 202.447
Yxy	16.1221, 0.2478, 0.3221
Android (android.graphics.Color)	4282218876 (0xFF3D797C)
YUV	103.4020, 10.1548, -37.1866
Hunter-Lab	40.1523, -15.1418, -3.6809

# Details

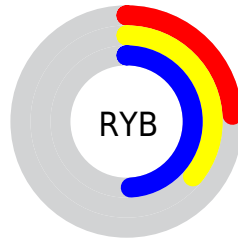
The Hex color **3D797C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C403D**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **72AEB0**, and **00484B** is the 20% darker color. If you saturate the color by 10%, you get **31787C**, and if you desaturate by 10%, it is **497A7C**.

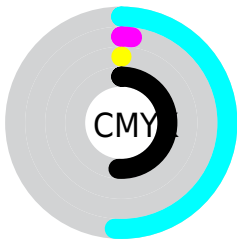
# Distribution



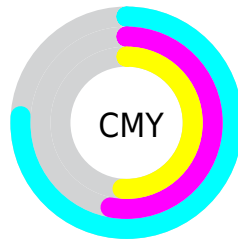
- Red (24%)
- Green (47%)
- Blue (49%)



- Red (24%)
- Yellow (36%)
- Blue (49%)



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



- Cyan (76%)
- Magenta (53%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D797C 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 3D797C by changing the saturation by 10% instead.



 3D797C

 3D797C

FFFFFF

 226063

 72AEB0

 00484B

 8DC9CC

 003135

 A8E5E8

 001D1F

 C4FFFF

 000007


 E1FFFF

 000000

FEFFFF

 3D797C

 3D797C

 31787C

 497A7C

■ 24787C

■ 567A7C

■ 18777C

■ 627B7C

■ 0B777C

■ 6F7B7C

■ 00767C

■ 7B7C7C

■ 877D7C

■ 947D7C

■ A07E7C

■ AD7E7C

# Harmonies

## Analogous

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



49796B



3D797C



41778A

# Triad

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



3D797C



816784



806D4F

# Complementary

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



3D797C



7C403D

# 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.



8C6856



3D797C



8E6475

# Square

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



3D797C



6D6D8F



926464



6F7350

# Rectangle

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



3D797C



4D748F



926464



856B50



# Sweetspot

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



3D797C



89A0A1



3D7C3F



435152



D1D1D1



525252



# Same Dimension

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



3D797C



3F9CA1



3D5A7C



373D3D



00777D



00F0FC



# Inverse Universe

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



7C3D79



A13F9C



7C5F3D



3D373D



7D0077

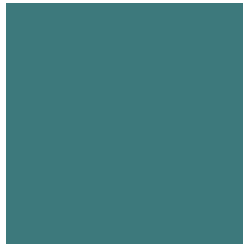


FC00F0



# Previews

## White Background



This preview shows how the Hex color 3D797C looks on a white background.

## Color Contrast Check

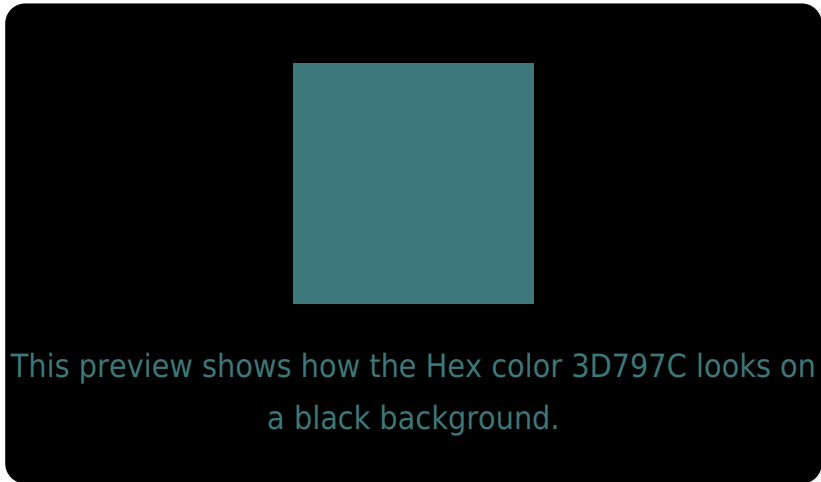
Large Text (above 18pt) WCAG AA ✓ Pass

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

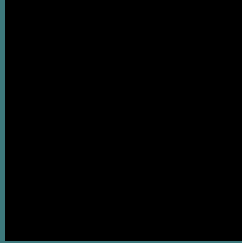
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D797C Background



This preview shows how black text looks on a background with the Hex color 3D797C.



This preview shows how white text looks on a background with the Hex color 3D797C.

# 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**  
3D797C

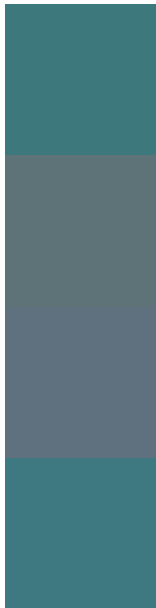
**Protanopia**  
6F6F76

**Deuteranopia**  
736C7F



**Tritanopia**  
3F7882

# Trichromacy



**Original Color**  
3D797C

**Protanomaly**  
5D7378

**Deuteranomaly**  
5F717E

**Tritanomaly**  
3E7880

# Monochromacy



**Original Color**  
3D797C

**Achromatopsia**  
676767

**Achromatomaly**  
586E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D797C 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 #3D797C looks like.

```
.text, #text, p{  
    color:#3D797C  
}
```

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 #3D797C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D797C
}
```

## Border

The CSS property to change the border of an element to Hex 3D797C 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
#3D797C }
```

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

```
.border{ border-color:#3D797C }
```

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

Here you see how a box with a 4 pixel #3D797C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D797C; -webkit-box-shadow:4px 4px  
4px 4px #3D797C; box-shadow:4px 4px 4px  
4px #3D797C }
```

# Background

The CSS property to change the background color of an element to Hex 3D797C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D797C }
```

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

```
.background{ background-color:#3D797C }
```

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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