

Converting Colors

Hex(2D7C7C)

Have a look what the booklet for
Hex(2D7C7C) contains.

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Color

Hex(2D7C7C)

Conversions

Conversions Part 1

Format	Color
Hex	2D7C7C
RGB	45, 124, 124
RGB Percent	18%, 49%, 49%
CMY	0.8235, 0.5137, 0.5137
CMYK	0.64, 0.00, 0.00, 0.51
HSL	180°, 47%, 33%
HSV	180°, 64%, 49%
XYZ	11.9279, 16.4284, 21.6111
YIQ	100.3790, -47.0840, -16.7480

Conversions

Conversions Part 2

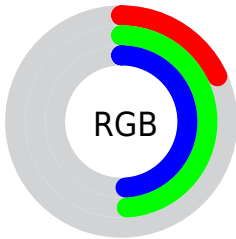
Format	Color
RYB	45, 85, 124
Decimal	2980988
CIELab	47.53, -23.51, -7.13
CIELCh	48, 24.570, 196.861
Yxy	16.4284, 0.2387, 0.3288
Android (android.graphics.Color)	4281171068 (0xFF2D7C7C)
YUV	100.3790, 11.6452, -48.5674
Hunter-Lab	40.5320, -18.4012, -3.2402

Details

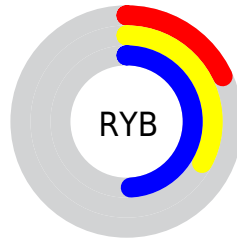
The Hex color **2D7C7C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C2D2D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **65B1B0**, and **004B4B** is the 20% darker color. If you saturate the color by 10%, you get **217C7C**, and if you desaturate by 10%, it is **397C7C**.

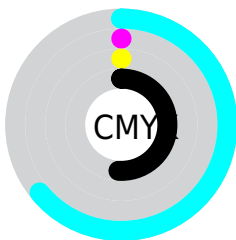
Distribution



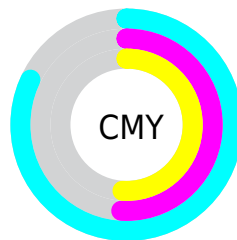
- Red (18%)
- Green (49%)
- Blue (49%)



- Red (18%)
- Yellow (33%)
- Blue (49%)



- Cyan (64%)
- Magenta (0%)
- Yellow (0%)
- Black (51%)



- Cyan (82%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D7C7C 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 2D7C7C by changing the saturation by 10% instead.

2D7C7C

2D7C7C

FFFFFF

056363

65B1B0

004B4B

81CDCC

003435

9CE9E8

00201F

B9FFFF

000007

D5FFFF

000000

F3FFFF

2D7C7C

2D7C7C

217C7C

397C7C

■ 147C7C

■ 467C7C

■ 087C7C

■ 527C7C

■ 007C7C

■ 5F7C7C

■ 6B7C7C

■ 777C7C

■ 847C7C

■ 907C7C

■ 9D7C7C

Harmonies

Analogous

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



437B67



2D7C7C



2C7A8E

Triad

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



2D7C7C



82678D



876C49

Complementary

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



2D7C7C



7C2D2D

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.



956653



2D7C7C



94627B

Square

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



2D7C7C



666F98



9A6166



737349

Rectangle

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



2D7C7C



3C7796



9A6166



8D6A4B

Sweetspot

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



2D7C7C



82A1A1



2D7C2D



3F5252



D1D1D1



525252

Same Dimension

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



2D7C7C



27A1A1



2D557C



373D3D



007D7D



00FCFC

Inverse Universe

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



7C2D7C



A127A1



7C552D



3D373D



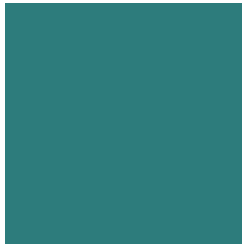
7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 2D7C7C looks on a white background.

Color Contrast Check

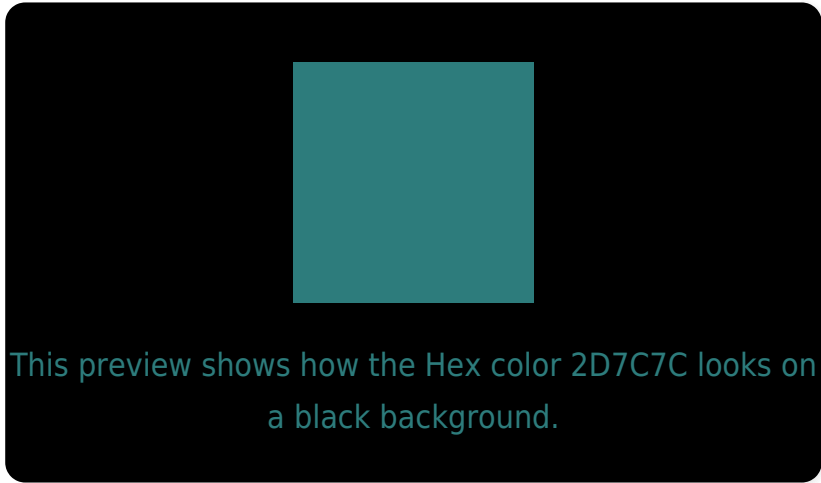
Large Text (above 18pt) WCAG AA ✓ Pass

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

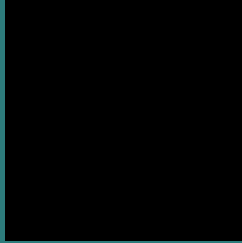
Any Text WCAG AA × Fail

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 2D7C7C Background



This preview shows how black text looks on a background with the Hex color 2D7C7C.

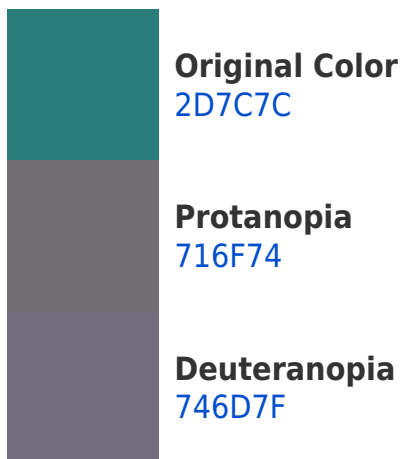


This preview shows how white text looks on a background with the Hex color 2D7C7C.

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
317B85

Trichromacy



Original Color
2D7C7C

Protanomaly
587477

Deuteranomaly
5A727E

Tritanomaly
307B82

Monochromacy



Original Color
2D7C7C

Achromatopsia
646464

Achromatomaly
506D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D7C7C 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 #2D7C7C looks like.

```
.text, #text, p{  
    color:#2D7C7C  
}
```

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 #2D7C7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7C7C  
}
```

Border

The CSS property to change the border of an element to Hex 2D7C7C 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  
#2D7C7C }
```

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

```
.border{ border-color:#2D7C7C }
```

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

Here you see how a box with a 4 pixel #2D7C7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7C7C; -webkit-box-shadow:4px 4px  
4px 4px #2D7C7C; box-shadow:4px 4px 4px  
4px #2D7C7C }
```

Background

The CSS property to change the background color of an element to Hex 2D7C7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7C7C }
```

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

```
.background{ background-color:#2D7C7C }
```

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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