

Converting Colors

Hex(2B787C)

Have a look what the booklet for
Hex(2B787C) contains.

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Color

Hex(2B787C)

Conversions

Conversions Part 1

Format	Color
Hex	2B787C
RGB	43, 120, 124
RGB Percent	17%, 47%, 49%
CMY	0.8314, 0.5294, 0.5137
CMYK	0.65, 0.03, 0.00, 0.51
HSL	183°, 49%, 33%
HSV	183°, 65%, 49%
XYZ	11.3508, 15.4018, 21.4434
YIQ	97.4330, -47.1760, -15.0800

Conversions

Conversions Part 2

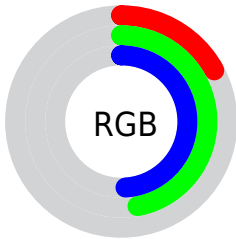
Format	Color
RYB	43, 82, 124
Decimal	2848892
CIELab	46.18, -21.79, -9.15
CIElCh	46, 23.635, 202.789
Yxy	15.4018, 0.2355, 0.3196
Android (android.graphics.Color)	4281038972 (0xFF2B787C)
YUV	97.4330, 13.0975, -47.7377
Hunter-Lab	39.2451, -17.0515, -4.9243

Details

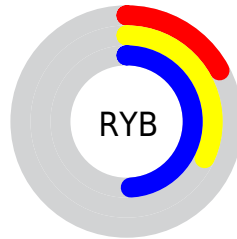
The Hex color **2B787C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7C2F2B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **63ADB0**, and **00474B** is the 20% darker color. If you saturate the color by 10%, you get **1F777C**, and if you desaturate by 10%, it is **37797C**.

Distribution



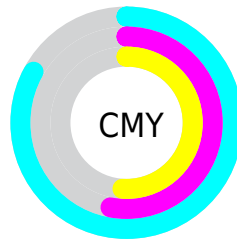
- Red (17%)
- Green (47%)
- Blue (49%)



- Red (17%)
- Yellow (32%)
- Blue (49%)



- Cyan (65%)
- Magenta (3%)
- Yellow (0%)
- Black (51%)



- Cyan (83%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B787C 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 2B787C by changing the saturation by 10% instead.

 2B787C

 2B787C

FFFFFF

 025F63

 63ADB0

 00474B

 7FC8CC

 003035

 9AE4E8

 001D1F

 B7FFFF

 000006

 D3FFFF

 000000

 F1FFFF

 2B787C

 2B787C

 1F777C

 37797C

■ 12777C

■ 44797C

■ 06767C

■ 507A7C

■ 00767C

■ 5D7A7C

■ 697B7C

■ 757C7C

■ 827C7C

■ 8E7D7C

■ 9B7E7C

Harmonies

Analogous

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



3D7868



2B787C



30768C

Triad

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



2B787C



826386



7F6B46

Complementary

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



2B787C



7C2F2B

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.



8E644F



2B787C



915F73

Square

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



2B787C



696A92



955F5F



6B7148

Rectangle

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



2B787C



417393



955F5F



856848

Sweetspot

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



2B787C



819FA1



2B7C2E



3E5152



D1D1D1



525252

Same Dimension

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



2B787C



239AA1



2B517C



373D3D



00777D



00F0FC

Inverse Universe

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



7C2B78



A1239A



7C562B



3D373D



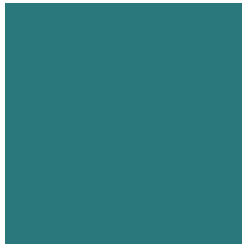
7D0077



FC00F0

Previews

White Background



This preview shows how the Hex color 2B787C looks on a white background.

Color Contrast Check

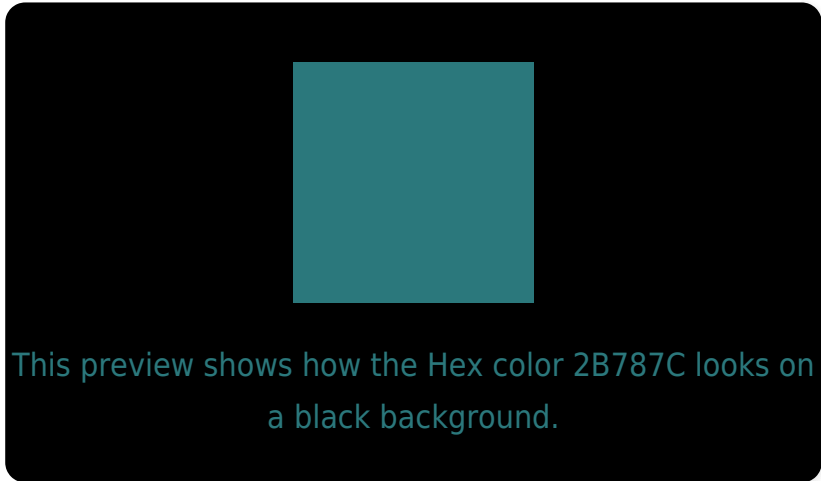
Large Text (above 18pt) WCAG AA ✓ Pass

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

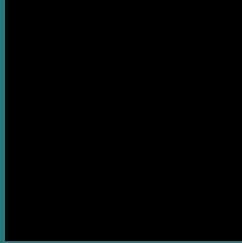
Any Text WCAG AA × Fail

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 2B787C Background



This preview shows how black text looks on a background with the Hex color 2B787C.



This preview shows how white text looks on a background with the Hex color 2B787C.

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
2B787C

Protanopia
6C6C75

Deuteranopia
6F6A7F



Tritanopia
2E7781

Trichromacy



Original Color
2B787C

Protanomaly
547078

Deuteranomaly
566F7E

Tritanomaly
2D777F

Monochromacy



Original Color
2B787C

Achromatopsia
616161

Achromatomaly
4D696B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B787C 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 #2B787C looks like.

```
.text, #text, p{  
    color:#2B787C  
}
```

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 #2B787C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B787C
}
```

Border

The CSS property to change the border of an element to Hex 2B787C is called "border". The border property can be set on classes, ids or directly on the HTML element.

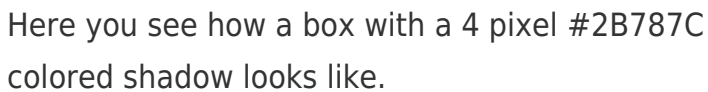
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B787C }
```

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

```
.border{ border-color:#2B787C }
```

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



Here you see how a box with a 4 pixel #2B787C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B787C; -webkit-box-shadow:4px 4px  
4px 4px #2B787C; box-shadow:4px 4px 4px  
4px #2B787C }
```

Background

The CSS property to change the background color of an element to Hex 2B787C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B787C }
```

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

```
.background{ background-color:#2B787C }
```

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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