

Converting Colors

Hex(2C7780)

Have a look what the booklet for
Hex(2C7780) contains.

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Color

Hex(2C7780)

Conversions

Conversions Part 1

Format	Color
Hex	2C7780
RGB	44, 119, 128
RGB Percent	17%, 47%, 50%
CMY	0.8275, 0.5333, 0.4980
CMYK	0.66, 0.07, 0.00, 0.50
HSL	186°, 49%, 34%
HSV	186°, 66%, 50%
XYZ	11.5318, 15.2876, 22.7651
YIQ	97.6010, -47.5890, -13.1010

Conversions

Conversions Part 2

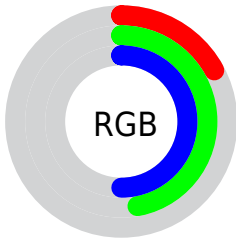
Format	Color
RYB	44, 84, 128
Decimal	2914176
CIELab	46.03, -19.82, -11.76
CIElCh	46, 23.052, 210.684
Yxy	15.2876, 0.2326, 0.3083
Android (android.graphics.Color)	4281104256 (0xFF2C7780)
YUV	97.6010, 14.9867, -47.0081
Hunter-Lab	39.0994, -15.7779, -7.1512

Details

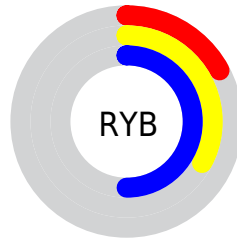
The Hex color **2C7780** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **80352C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **64ABB5**, and **00464F** is the 20% darker color. If you saturate the color by 10%, you get **1F7680**, and if you desaturate by 10%, it is **397880**.

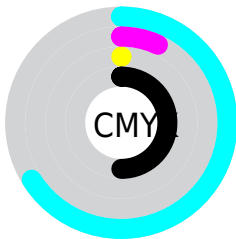
Distribution



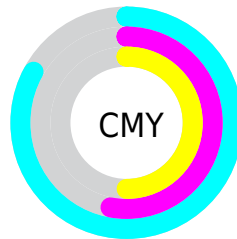
- Red (17%)
- Green (47%)
- Blue (50%)



- Red (17%)
- Yellow (33%)
- Blue (50%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (50%)



- Cyan (83%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7780 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 2C7780 by changing the saturation by 10% instead.

■ 2C7780

■ 2C7780

FFFFFF

■ 035E67

■ 64ABB5

■ 00464F

■ 80C7D0

■ 003038

■ 9CE3ED

■ 001C23

■ B8FFFF

■ 00000C

■ D4FFFF

■ 000000

■ F2FFFF

■ 2C7780

■ 2C7780

■ 1F7680

■ 397880

■ 127480

■ 467A80

■ 067380

■ 527B80

■ 007280

■ 5F7C80

■ 6C7E80

■ 797F80

■ 868180

■ 928280

■ 9F8380

Harmonies

Analogous

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



39786D



2C7780



38748E

Triad

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



2C7780



866280



7A6C46

Complementary

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



2C7780



80352C

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.



8A654C



2C7780



925F6D

Square

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



2C7780



70688E



93605A



66724B

Rectangle

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



2C7780



4A7193



93605A



806A47

Sweetspot

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



2C7780



85A2A6



2C8034



405254



D4D4D4



545454

Same Dimension

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



2C7780



2398A6



2C4E80



393F40



007280



000000

Inverse Universe

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



802C77



A62398



805E2C



40393F



800072



000000

Previews

White Background



This preview shows how the Hex color 2C7780 looks on a white background.

Color Contrast Check

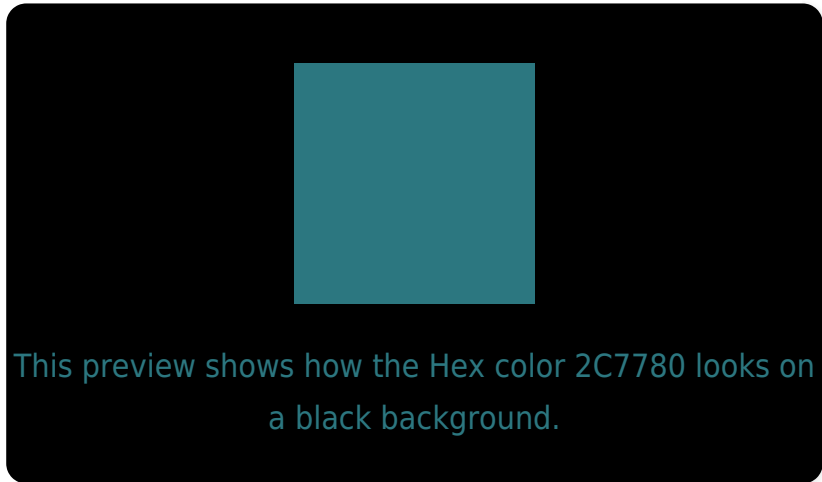
Large Text (above 18pt) WCAG AA ✓ Pass

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

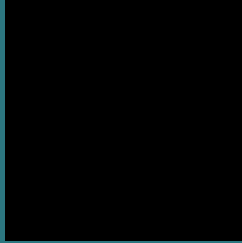
Any Text WCAG AA × Fail

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 2C7780 Background



This preview shows how black text looks on a background with the Hex color 2C7780.

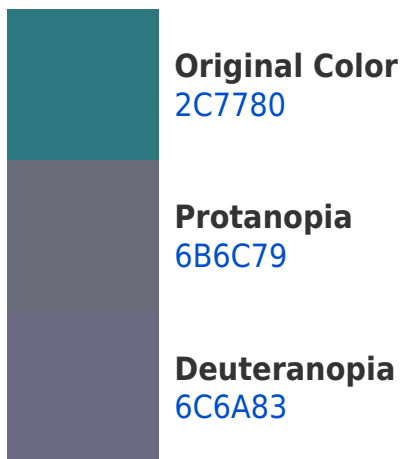



This preview shows how white text looks on a background with the Hex color 2C7780.

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
2C7781

Trichromacy



Original Color
2C7780

Protanomaly
54707C

Deuteranomaly
556F82

Tritanomaly
2C7781

Monochromacy



Original Color
2C7780

Achromatopsia
626262

Achromatomaly
4E6A6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7780 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 #2C7780 looks like.

```
.text, #text, p{  
    color:#2C7780  
}
```

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 #2C7780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7780
}
```

Border

The CSS property to change the border of an element to Hex 2C7780 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
#2C7780 }
```

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

```
.border{ border-color:#2C7780 }
```

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

Here you see how a box with a 4 pixel #2C7780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7780; -webkit-box-shadow:4px 4px  
4px 4px #2C7780; box-shadow:4px 4px 4px  
4px #2C7780 }
```

Background

The CSS property to change the background color of an element to Hex 2C7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7780 }
```

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

```
.background{ background-color:#2C7780 }
```

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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