

Converting Colors

Hex(2A7E7A)

Have a look what the booklet for
Hex(2A7E7A) contains.

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Color

Hex(2A7E7A)

Conversions

Conversions Part 1

Format	Color
Hex	2A7E7A
RGB	42, 126, 122
RGB Percent	16%, 49%, 48%
CMY	0.8353, 0.5059, 0.5216
CMYK	0.67, 0.00, 0.03, 0.51
HSL	177°, 50%, 33%
HSV	177°, 67%, 49%
XYZ	11.9286, 16.8191, 21.0301
YIQ	100.4280, -48.7800, -19.0520

Conversions

Conversions Part 2

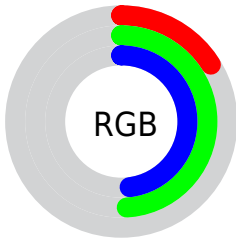
Format	Color
R_{YB}	42, 85, 126
Decimal	2784890
CIE _{Lab}	48.03, -25.66, -5.21
CIE _{LCh}	48, 26.186, 191.476
Yxy	16.8191, 0.2396, 0.3379
Android (android.graphics.Color)	4280974970 (0xFF2A7E7A)
YUV	100.4280, 10.6350, -51.2414
Hunter-Lab	41.0111, -19.8506, -1.6955

Details

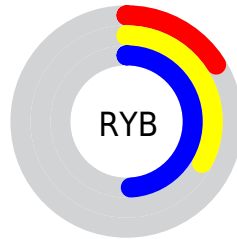
The Hex color **2A7E7A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7E2A2E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **63B3AE**, and **004C49** is the 20% darker color. If you saturate the color by 10%, you get **1D7E79**, and if you desaturate by 10%, it is **377E7B**.

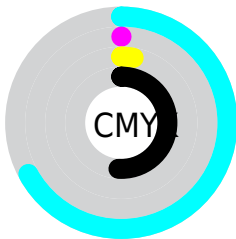
Distribution



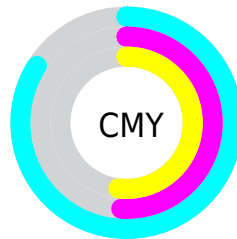
- Red (16%)
- Green (49%)
- Blue (48%)



- Red (16%)
- Yellow (33%)
- Blue (49%)



- Cyan (67%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (84%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A7E7A 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 2A7E7A by changing the saturation by 10% instead.

■ 2A7E7A

■ 2A7E7A

FFFFFF

■ 006561

■ 63B3AE

■ 004C49

■ 7FCFCA

■ 003533

■ 9BEBE6

■ 00211E

■ B7FFFF

■ 000004

■ D4FFFF

■ 000000

■ F1FFFF

■ 2A7E7A

■ 2A7E7A

■ 1D7E79

■ 377E7B

■ 117E79

■ 437E7B

■ 047E78

■ 507E7C

■ 007E78

■ 5C7E7C

■ 697E7D

■ 767E7E

■ 827E7E

■ 8F7E7F

■ 9B7E7F

Harmonies

Analogous

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



457D63



2A7E7A



217C8F

Triad

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



2A7E7A



806993



8D6C48

Complementary

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



2A7E7A



7E2A2E

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.



9A6556



2A7E7A



956381

Square

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



2A7E7A



61719D



9D616A



787346

Rectangle

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



2A7E7A



317A98



9D616A



92694C

Sweetspot

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



2A7E7A



83A3A2



2E7E2A



3E5251



D1D1D1



525252

Same Dimension

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



2A7E7A



21A39D



2A587E



39403F



008079



000000

Inverse Universe

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



7E2A2E



A32127



7E502A



40393A



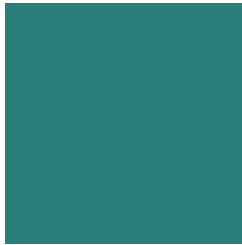
800006



000000

Previews

White Background



This preview shows how the Hex color 2A7E7A looks on a white background.

Color Contrast Check

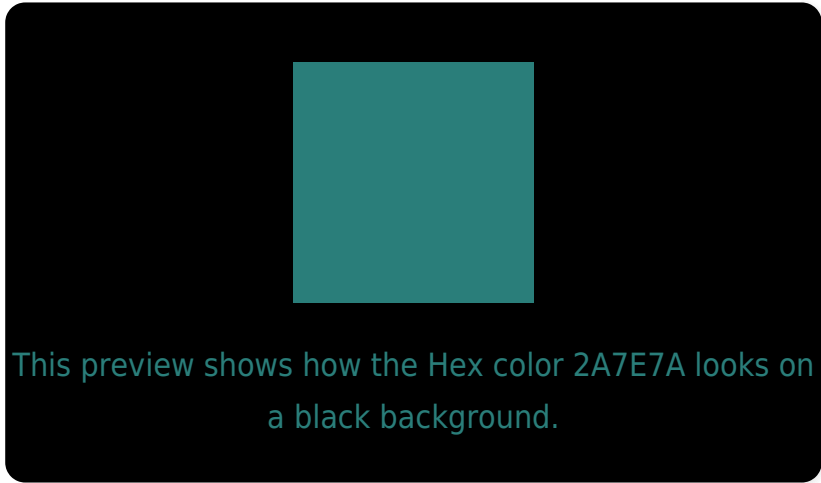
Large Text (above 18pt) WCAG AA ✓ Pass

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

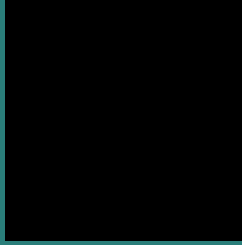
Any Text WCAG AA × Fail

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 2A7E7A Background



This preview shows how black text looks on a background with the Hex color 2A7E7A.



This preview shows how white text looks on a background with the Hex color 2A7E7A.

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
2A7E7A

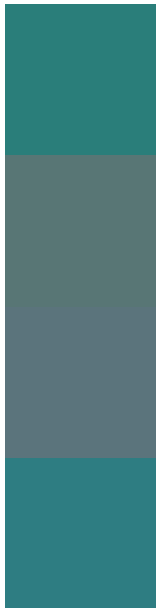
Protanopia
737172

Deuteranopia
776E7D



Tritanopia
307C86

Trichromacy



Original Color
2A7E7A

Protanomaly
587675

Deuteranomaly
5B747C

Tritanomaly
2E7D82

Monochromacy



Original Color
2A7E7A

Achromatopsia
646464

Achromatomaly
4F6D6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A7E7A 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 #2A7E7A looks like.

```
.text, #text, p{  
    color:#2A7E7A  
}
```

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 #2A7E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A7E7A
}
```

Border

The CSS property to change the border of an element to Hex 2A7E7A 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
#2A7E7A }
```

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

```
.border{ border-color:#2A7E7A }
```

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

Here you see how a box with a 4 pixel #2A7E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A7E7A; -webkit-box-shadow:4px 4px  
4px 4px #2A7E7A; box-shadow:4px 4px 4px  
4px #2A7E7A }
```

Background

The CSS property to change the background color of an element to Hex 2A7E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A7E7A }
```

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

```
.background{ background-color:#2A7E7A }
```

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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