

Converting Colors

Hex(2A757A)

Have a look what the booklet for
Hex(2A757A) contains.

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Color

Hex(2A757A)

Conversions

Conversions Part 1

Format	Color
Hex	2A757A
RGB	42, 117, 122
RGB Percent	16%, 46%, 48%
CMY	0.8353, 0.5412, 0.5216
CMYK	0.66, 0.04, 0.00, 0.52
HSL	184°, 49%, 32%
HSV	184°, 66%, 48%
XYZ	10.8290, 14.6200, 20.6635
YIQ	95.1450, -46.3050, -14.3450

Conversions

Conversions Part 2

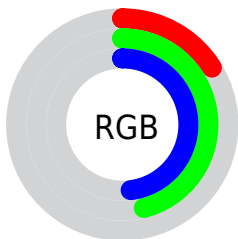
Format	Color
RYB	42, 81, 122
Decimal	2782586
CIELab	45.11, -21.01, -9.57
CIELCh	45, 23.087, 204.495
Yxy	14.6200, 0.2348, 0.3170
Android (android.graphics.Color)	4280972666 (0xFF2A757A)
YUV	95.1450, 13.2395, -46.6082
Hunter-Lab	38.2361, -16.3594, -5.2763

Details

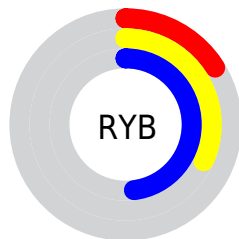
The Hex color **2A757A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A2F2A**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **62A9AE**, and **004449** is the 20% darker color. If you saturate the color by 10%, you get **1E747A**, and if you desaturate by 10%, it is **36767A**.

Distribution



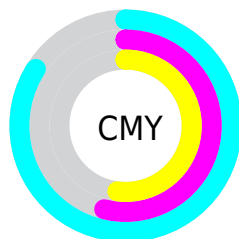
- Red (16%)
- Green (46%)
- Blue (48%)



- Red (16%)
- Yellow (32%)
- Blue (48%)



- Cyan (66%)
- Magenta (4%)
- Yellow (0%)
- Black (52%)



- Cyan (84%)
- Magenta (54%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A757A 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 2A757A by changing the saturation by 10% instead.

■ 2A757A

■ 2A757A

FFFFFF

■ 015C61

■ 62A9AE

■ 004449

■ 7DC5CA

■ 002E33

■ 99E1E6

■ 001B1E

■ B5FEFF

■ 000003

■ D2FFFF

■ 000000

■ EFFFFFF

■ 2A757A

■ 2A757A

■ 1E747A

■ 36767A

■ 12737A

■ 42777A

■ 05737A

■ 4F777A

■ 00727A

■ 5B787A

■ 67797A

■ 737A7A

■ 7F7A7A

■ 8C7B7A

■ 987C7A

Harmonies

Analogous

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



3B7566



2A757A



317389

Triad

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



2A757A



806081



7B6844

Complementary

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



2A757A



7A2F2A

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.



8A624C



2A757A



8E5C6F

Square

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



2A757A



68678E



915D5C



686E47

Rectangle

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



2A757A



41708F



915D5C



816646

Sweetspot

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



2A757A



7E9C9E



2A7A2E



3C4E4F



CFCFCF



4F4F4F

Same Dimension

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



2A757A



21969E



2A4E7A



373D3D



00757D



00EDFC

Inverse Universe

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



7A2A75



9E2196



7A562A



3D373D



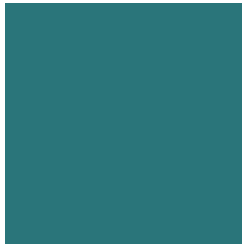
7D0075



FC00ED

Previews

White Background



This preview shows how the Hex color 2A757A looks on a white background.

Color Contrast Check

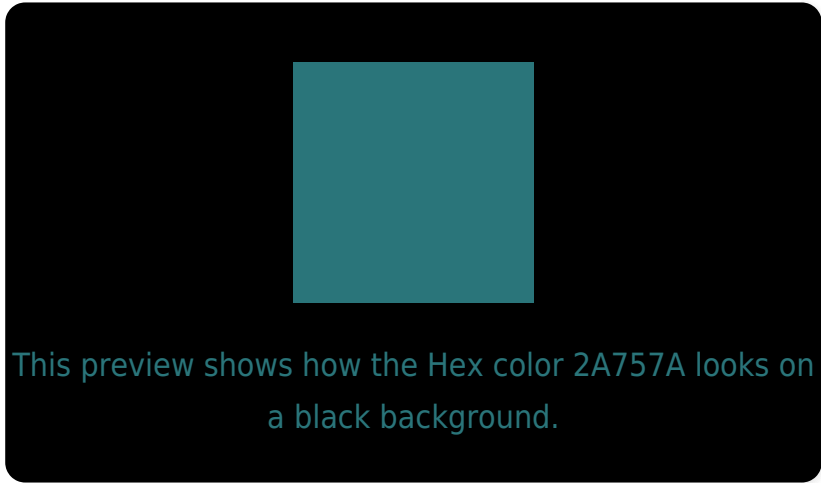
Large Text (above 18pt) WCAG AA ✓ Pass

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

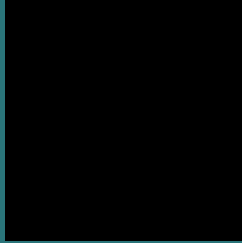
Any Text WCAG AA × Fail

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 2A757A Background



This preview shows how black text looks on a background with the Hex color 2A757A.



This preview shows how white text looks on a background with the Hex color 2A757A.

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
2A757A

Protanopia
6A6973

Deuteranopia
6B687D



Tritanopia
2C747E

Trichromacy



Original Color
2A757A

Protanomaly
536D76

Deuteranomaly
536D7C

Tritanomaly
2B747D

Monochromacy



Original Color
2A757A

Achromatopsia
5F5F5F

Achromatomaly
4C6769

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A757A 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 #2A757A looks like.

```
.text, #text, p{  
    color:#2A757A  
}
```

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 #2A757A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A757A
}
```

Border

The CSS property to change the border of an element to Hex 2A757A 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
#2A757A }
```

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

```
.border{ border-color:#2A757A }
```

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

Here you see how a box with a 4 pixel #2A757A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A757A; -webkit-box-shadow:4px 4px  
4px 4px #2A757A; box-shadow:4px 4px 4px  
4px #2A757A }
```

Background

The CSS property to change the background color of an element to Hex 2A757A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A757A }
```

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

```
.background{ background-color:#2A757A }
```

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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