

Converting Colors

Hex(2A757F)

Have a look what the booklet for
Hex(2A757F) contains.

Hex(2A757F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A757F)

Conversions

Conversions Part 1

Format	Color
Hex	2A757F
RGB	42, 117, 127
RGB Percent	16%, 46%, 50%
CMY	0.8353, 0.5412, 0.5020
CMYK	0.67, 0.08, 0.00, 0.50
HSL	187°, 50%, 33%
HSV	187°, 67%, 50%
XYZ	11.1469, 14.7471, 22.3376
YIQ	95.7150, -47.9100, -12.7900

Conversions

Conversions Part 2

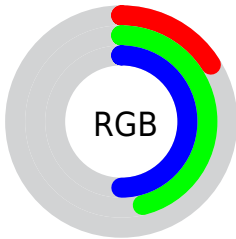
Format	Color
RYB	42, 82, 127
Decimal	2782591
CIELab	45.29, -19.42, -12.29
CIELCh	45, 22.984, 212.329
Yxy	14.7471, 0.2311, 0.3058
Android (android.graphics.Color)	4280972671 (0xFF2A757F)
YUV	95.7150, 15.4235, -47.1081
Hunter-Lab	38.4020, -15.3905, -7.6064

Details

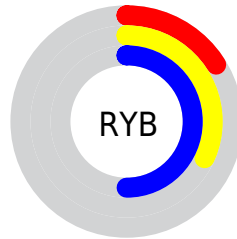
The Hex color **2A757F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7F342A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **63A9B4**, and **00444E** is the 20% darker color. If you saturate the color by 10%, you get **1D747F**, and if you desaturate by 10%, it is **37767F**.

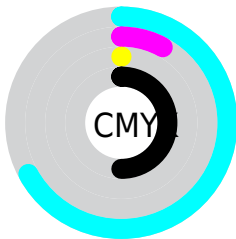
Distribution



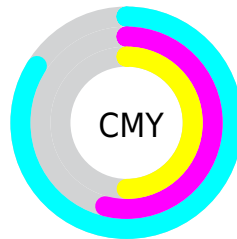
- Red (16%)
- Green (46%)
- Blue (50%)



- Red (16%)
- Yellow (32%)
- Blue (50%)



- Cyan (67%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (84%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A757F 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 2A757F by changing the saturation by 10% instead.

■ 2A757F

■ 2A757F

FFFFFF

■ 005C66

■ 63A9B4

■ 00444E

■ 7EC5CF

■ 002E37

■ 9AE1EB

■ 001B22

■ B6DFFF

■ 00000A

■ D3FFFF

■ 000000

■ F0FFFF

■ 2A757F

■ 2A757F

■ 1D747F

■ 37767F

■ 11727F

■ 43787F

■ 04717F

■ 50797F

■ 00707F

■ 5D7B7F

■ 6A7C7F

■ 767E7F

■ 837F7F

■ 90817F

■ 9C827F

Harmonies

Analogous

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



36766C



2A757F



37728D

Triad

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



2A757F



85607D



776A45

Complementary

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



2A757F



7F342A

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.



87644A



2A757F



905D6A

Square

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



2A757F



70668C



905F58



63704A

Rectangle

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



2A757F



4A6F91



905F58



7D6845

Sweetspot

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



2A757F



85A2A6



2A7F34



405254



D4D4D4



545454

Same Dimension

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



2A757F



2196A6



2A4B7F



393F40



007080



000000

Inverse Universe

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



7F2A75



A62196



7F5E2A



40393F



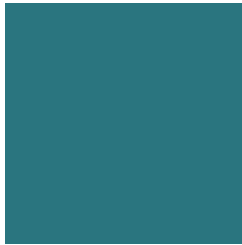
800070



000000

Previews

White Background



This preview shows how the Hex color 2A757F looks on a white background.

Color Contrast Check

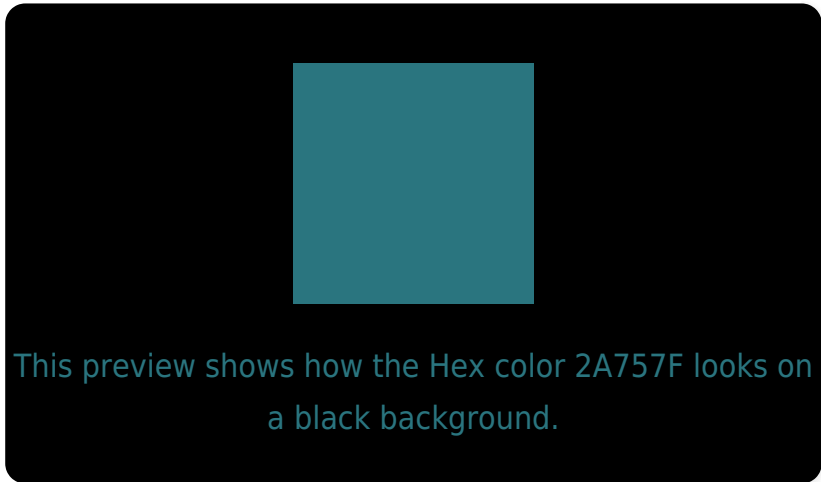
Large Text (above 18pt) WCAG AA ✓ Pass

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

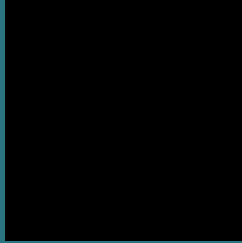
Any Text WCAG AA × Fail

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 2A757F Background



This preview shows how black text looks on a background with the Hex color 2A757F.

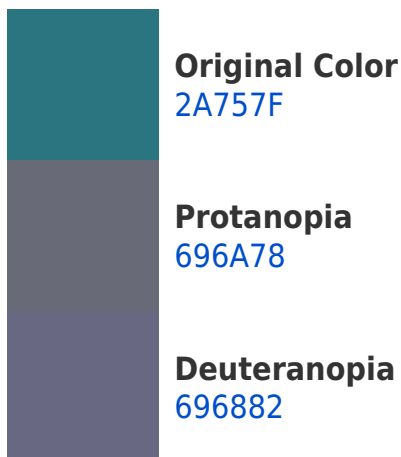



This preview shows how white text looks on a background with the Hex color 2A757F.

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](#).

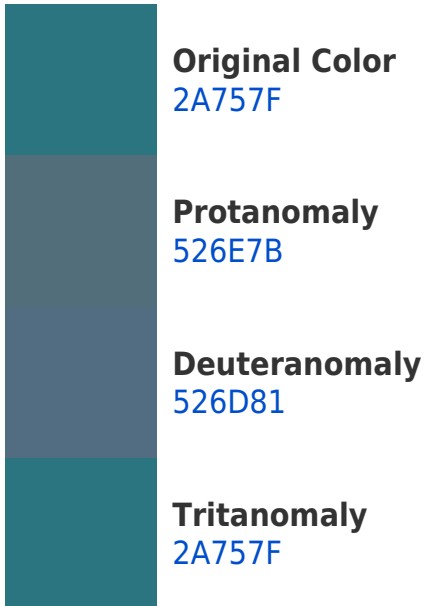
Dichromacy



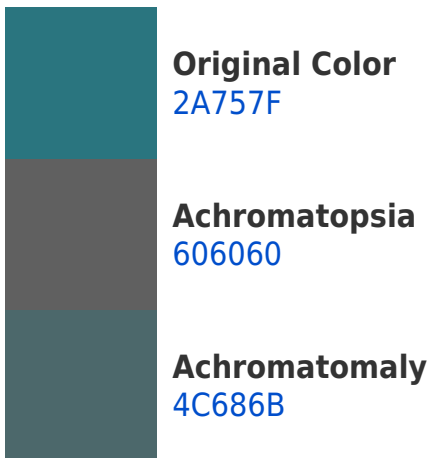


Tritanopia
2A757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A757F 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 #2A757F looks like.

```
.text, #text, p{  
    color:#2A757F  
}
```

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 #2A757F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A757F
}
```

Border

The CSS property to change the border of an element to Hex 2A757F 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
#2A757F }
```

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

```
.border{ border-color:#2A757F }
```

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

Here you see how a box with a 4 pixel #2A757F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A757F; -webkit-box-shadow:4px 4px  
4px 4px #2A757F; box-shadow:4px 4px 4px  
4px #2A757F }
```

Background

The CSS property to change the background color of an element to Hex 2A757F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A757F }
```

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

```
.background{ background-color:#2A757F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor