

Converting Colors

Hex(2A758F)

Have a look what the booklet for
Hex(2A758F) contains.

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Color

Hex(2A758F)

Conversions

Conversions Part 1

Format	Color
Hex	2A758F
RGB	42, 117, 143
RGB Percent	16%, 46%, 56%
CMY	0.8353, 0.5412, 0.4392
CMYK	0.71, 0.18, 0.00, 0.44
HSL	195°, 55%, 36%
HSV	195°, 71%, 56%
XYZ	12.2741, 15.1980, 28.2732
YIQ	97.5390, -53.0460, -7.8140

Conversions

Conversions Part 2

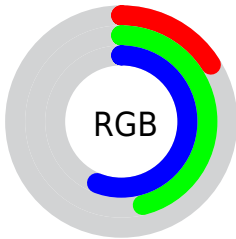
Format	Color
RYB	42, 85, 143
Decimal	2782607
CIELab	45.90, -14.10, -20.86
CIELCh	46, 25.182, 235.948
Yxy	15.1980, 0.2202, 0.2726
Android (android.graphics.Color)	4280972687 (0xFF2A758F)
YUV	97.5390, 22.4123, -48.7077
Hunter-Lab	38.9846, -12.0234, -15.7103

Details

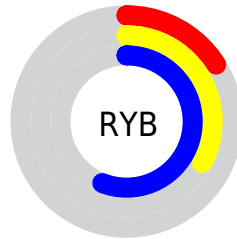
The Hex color **2A758F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F442A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **65A9C5**, and **00455D** is the 20% darker color. If you saturate the color by 10%, you get **1C718F**, and if you desaturate by 10%, it is **38798F**.

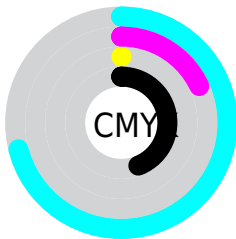
Distribution



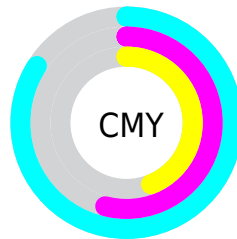
- Red (16%)
- Green (46%)
- Blue (56%)



- Red (16%)
- Yellow (33%)
- Blue (56%)



- Cyan (71%)
- Magenta (18%)
- Yellow (0%)
- Black (44%)



- Cyan (84%)
- Magenta (54%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A758F 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 2A758F by changing the saturation by 10% instead.

■ 2A758F

■ 2A758F

FFFFFF

■ 005C75

■ 65A9C5

■ 00455D

■ 81C4E1

■ 002E45

■ 9DE0FE

■ 001B2E

■ B9FDFE

■ 00011A

■ D6FFFF

■ 000000

■ F4FFFF

■ 2A758F

■ 2A758F

■ 1C718F

■ 38798F

0D6E8F

477C8F

006A8F

55808F

63848F

71878F

808B8F

8E8F8F

9C928F

AB968F

Harmonies

Analogous

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



20787E



2A758F



4B7096

Triad

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



2A758F



935D70



687146

Complementary

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



2A758F



8F442A

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.



7E6A43



2A758F



965E5B

Square

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



2A758F



856185



8E634B



4F7654

Rectangle

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



2A758F



616B95



8E634B



706F44

Sweetspot

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



2A758F



93B0BA



2A8F43



47585E



DEDEDE



5E5E5E

Same Dimension

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



2A758F



1C91BA



2A438F



404647



006487



000608

Inverse Universe

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



8F2A75



BA1C91



8F762A



474046



870064



080006

Previews

White Background



This preview shows how the Hex color 2A758F looks on a white background.

Color Contrast Check

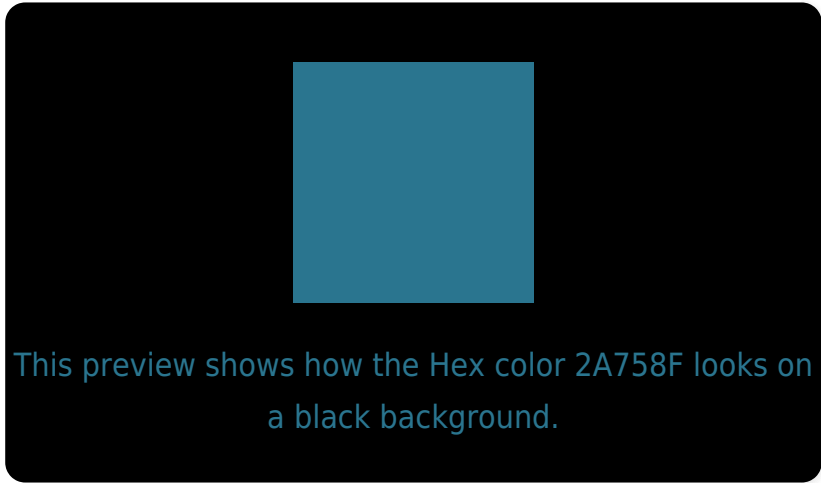
Large Text (above 18pt) WCAG AA ✓ Pass

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

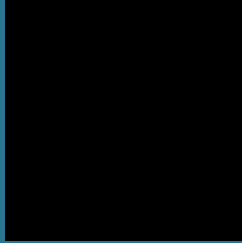
Any Text WCAG AA × Fail

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 2A758F Background



This preview shows how black text looks on a background with the Hex color 2A758F.

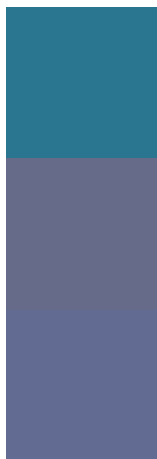


This preview shows how white text looks on a background with the Hex color 2A758F.

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

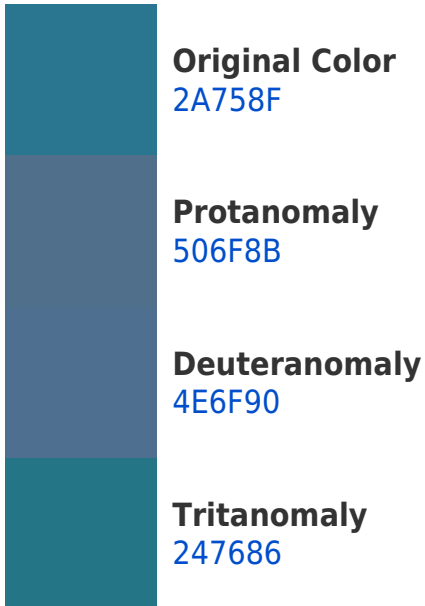


Original Color
2A758F

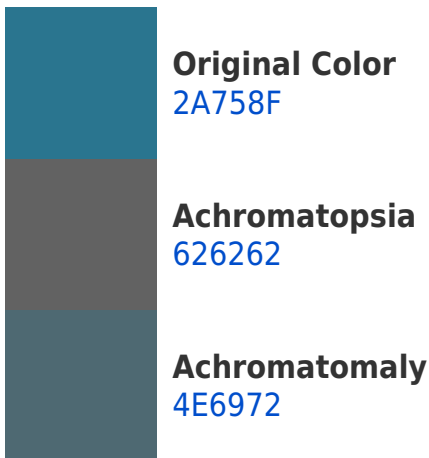
Protanopia
656B88

Deuteranopia
626B91

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2A758F 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 #2A758F looks like.

```
.text, #text, p{  
    color:#2A758F  
}
```

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 #2A758F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A758F
}
```

Border

The CSS property to change the border of an element to Hex 2A758F 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
#2A758F }
```

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

```
.border{ border-color:#2A758F }
```

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

Here you see how a box with a 4 pixel #2A758F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A758F; -webkit-box-shadow:4px 4px  
4px 4px #2A758F; box-shadow:4px 4px 4px  
4px #2A758F }
```

Background

The CSS property to change the background color of an element to Hex 2A758F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A758F }
```

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

```
.background{ background-color:#2A758F }
```

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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