

# Converting Colors

Hex(2A858D)

Have a look what the booklet for  
Hex(2A858D) contains.

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# Color

**Hex(2A858D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2A858D                       |
| RGB         | 42, 133, 141                 |
| RGB Percent | 16%, 52%, 55%                |
| CMY         | 0.8353, 0.4784, 0.4471       |
| CMYK        | 0.70, 0.06, 0.00, 0.45       |
| HSL         | 185°, 54%, 36%               |
| HSV         | 185°, 70%, 55%               |
| XYZ         | 14.1501, 19.1904, 28.1576    |
| YIQ         | 106.7030, -56.8040, -16.8040 |

# Conversions

## Conversions Part 2

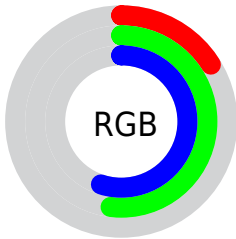
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 42, 89, 141                    |
| Decimal                             | 2786701                        |
| CIE Lab                             | 50.91, -23.40, -12.06          |
| CIE LCh                             | 51, 26.328, 207.264            |
| Yxy                                 | 19.1904, 0.2301,<br>0.3120     |
| Android<br>(android.graphics.Color) | 4280976781<br>(0xFF2A858D)     |
| YUV                                 | 106.7030, 16.9084,<br>-56.7445 |
| Hunter-Lab                          | 43.8068, -19.0045,<br>-7.4449  |




# Details

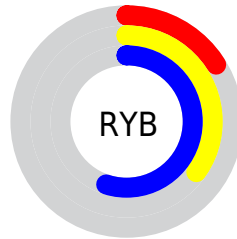
The Hex color **2A858D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D322A**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **66BAC3**, and **00535B** is the 20% darker color. If you saturate the color by 10%, you get **1C848D**, and if you desaturate by 10%, it is **38868D**.

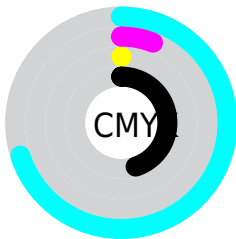
# Distribution







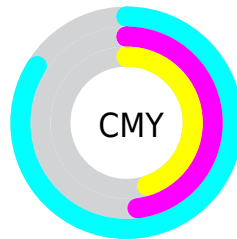
-  Red (16%)
-  Green (52%)
-  Blue (55%)






-  Red (16%)
-  Yellow (35%)
-  Blue (55%)



-  Cyan (70%)
-  Magenta (6%)
-  Yellow (0%)
-  Black (45%)



-  Cyan (84%)
-  Magenta (48%)
-  Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A858D 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 2A858D by changing the saturation by 10% instead.



 2A858D

 2A858D

FFFFFF

 006C73

 66BAC3

 00535B

 82D6DE

 003C43

 9FF3FB

 00262D

 BBFFFF

 000819

 D8FFFF

 000000

 F6FFFF

 2A858D

 2A858D

 1C848D

 38868D

0E838D

46878D

00828D

54888D

628A8D

708B8D

7F8C8D

8D8D8D

9B8E8D

A98F8D

# Harmonies

## Analogous

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



3E8576



2A858D



36829E

# Triad

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



2A858D



946D92



8A774C

# Complementary

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



2A858D



8D322A

# 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.



9C6F54



2A858D



A3687C

# Square

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



2A858D



7974A1



A56A66



737E51

# Rectangle

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



2A858D



4B7EA5



A56A66



91754E



# Sweetspot

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



2A858D



91B4B8



2A8D31



455A5C



DBDBDB



5C5C5C



# Same Dimension

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



2A858D



1DABB8



2A558D



404747



007C87



000708



# Inverse Universe

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



8D2A85



B81DAB



8D622A



474047



87007C



080007



# Previews

## White Background



This preview shows how the Hex color 2A858D looks on a white background.

## Color Contrast Check

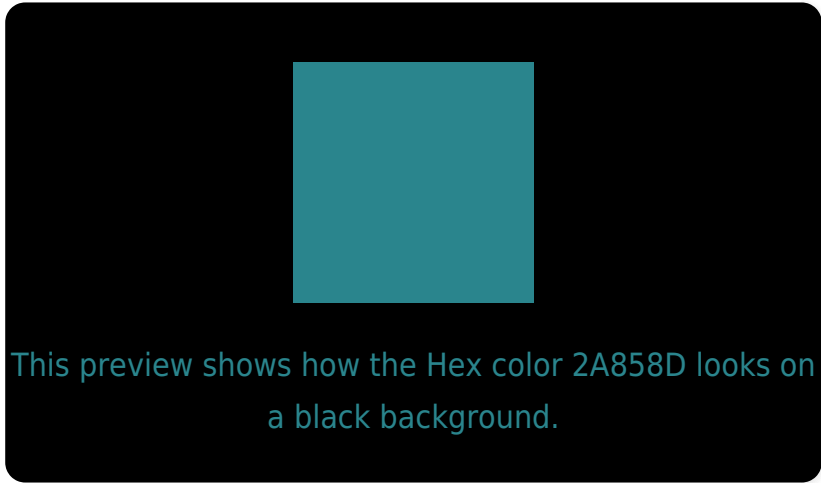
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

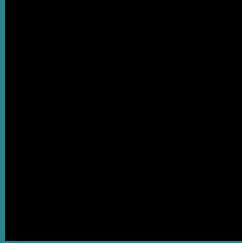
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A858D Background



This preview shows how black text looks on a background with the Hex color 2A858D.

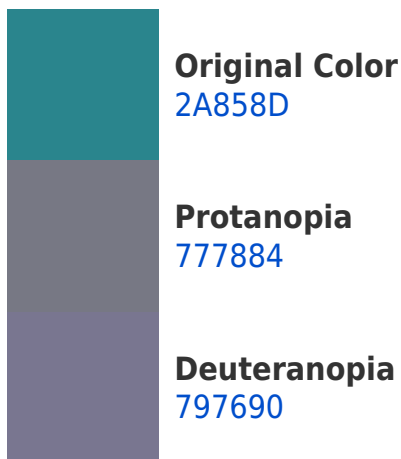


This preview shows how white text looks on a background with the Hex color 2A858D.

# 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**  
2B858F

# Trichromacy



**Original Color**  
2A858D

**Protanomaly**  
5B7D87

**Deuteranomaly**  
5C7B8F

**Tritanomaly**  
2B858E

# Monochromacy



**Original Color**  
2A858D

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
537477

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A858D 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 #2A858D looks like.

```
.text, #text, p{  
    color:#2A858D  
}
```

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 #2A858D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A858D
}
```

## Border

The CSS property to change the border of an element to Hex 2A858D 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
#2A858D }
```

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

```
.border{ border-color:#2A858D }
```

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

Here you see how a box with a 4 pixel #2A858D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A858D; -webkit-box-shadow:4px 4px  
4px 4px #2A858D; box-shadow:4px 4px 4px  
4px #2A858D }
```

# Background

The CSS property to change the background color of an element to Hex 2A858D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A858D }
```

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

```
.background{ background-color:#2A858D }
```

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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