

Converting Colors

Hex(2C858F)

Have a look what the booklet for
Hex(2C858F) contains.

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Color

Hex(2C858F)

Conversions

Conversions Part 1

Format	Color
Hex	2C858F
RGB	44, 133, 143
RGB Percent	17%, 52%, 56%
CMY	0.8275, 0.4784, 0.4392
CMYK	0.69, 0.07, 0.00, 0.44
HSL	186°, 53%, 37%
HSV	186°, 69%, 56%
XYZ	14.3842, 19.2937, 28.9525
YIQ	107.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

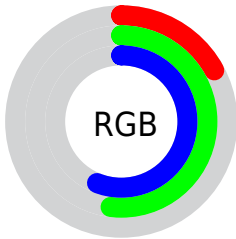
Format	Color
RYB	44, 91, 143
Decimal	2917775
CIELab	51.03, -22.47, -13.04
CIElCh	51, 25.978, 210.135
Yxy	19.2937, 0.2297, 0.3081
Android (android.graphics.Color)	4281107855 (0xFF2C858F)
YUV	107.5290, 17.4872, -55.7149
Hunter-Lab	43.9246, -18.4139, -8.3333

Details

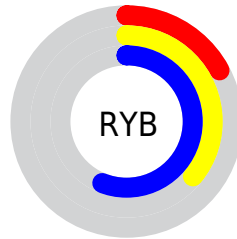
The Hex color **2C858F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F362C**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **68BAC5**, and **00535D** is the 20% darker color. If you saturate the color by 10%, you get **1E848F**, and if you desaturate by 10%, it is **3A868F**.

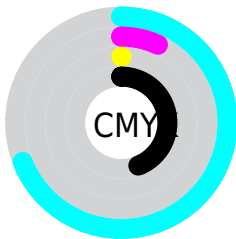
Distribution



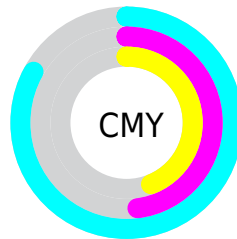
- Red (17%)
- Green (52%)
- Blue (56%)



- Red (17%)
- Yellow (36%)
- Blue (56%)



- Cyan (69%)
- Magenta (7%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (48%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C858F 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 2C858F by changing the saturation by 10% instead.

2C858F

2C858F

FFFFFF

006C75

68BAC5

00535D

84D6E1

003C45

A0F3FD

00262F

BDFFFF

00081B

DAFFFF

000000

F7FFFF

2C858F

2C858F

1E848F

3A868F

0F828F

49888F

01818F

57898F

00818F

658B8F

748C8F

828E8F

908F8F

9E918F

AD928F

Harmonies

Analogous

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



3D8679



2C858F



3A829F

Triad

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



2C858F



966C90



89784D

Complementary

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



2C858F



8F362C

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.



9B7154



2C858F



A3697A

Square

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



2C858F



7D74A0



A56A64



717F53

Rectangle

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



2C858F



507EA5



A56A64



8F764E

Sweetspot

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



2C858F



93B6BA



2C8F36



475C5E



DEDEDE



5E5E5E

Same Dimension

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



2C858F



20ABBA



2C548F



404747



007987



000708

Inverse Universe

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



8F2C85



BA20AB



8F672C



474047



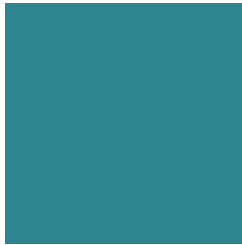
870079



080007

Previews

White Background



This preview shows how the Hex color 2C858F looks on a white background.

Color Contrast Check

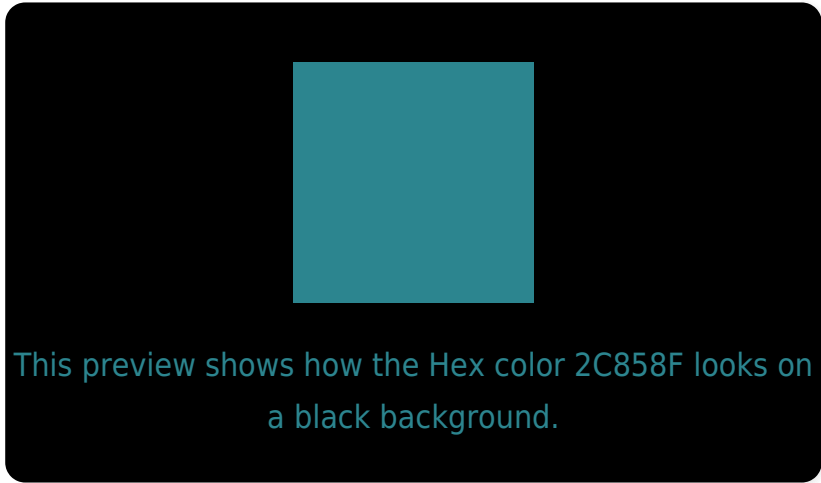
Large Text (above 18pt) WCAG AA ✓ Pass

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

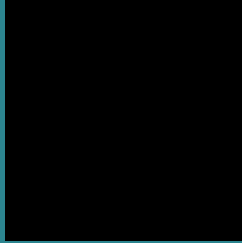
Any Text WCAG AA ✓ Pass

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 2C858F Background



This preview shows how black text looks on a background with the Hex color 2C858F.

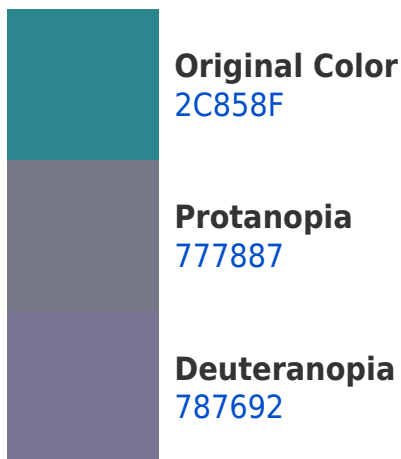


This preview shows how white text looks on a background with the Hex color 2C858F.

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](#).

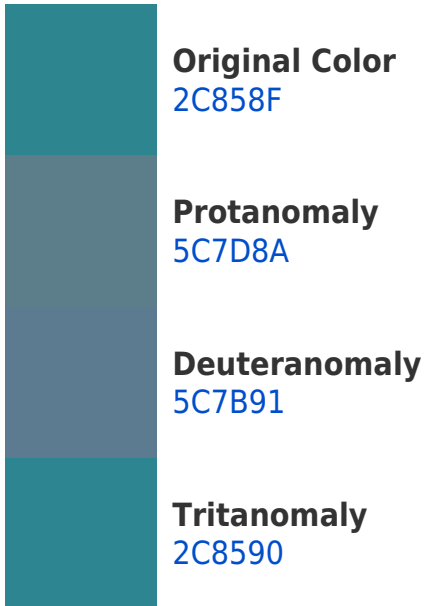
Dichromacy





Tritanopia
2C8590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C858F 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 #2C858F looks like.

```
.text, #text, p{  
    color:#2C858F  
}
```

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 #2C858F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C858F
}
```

Border

The CSS property to change the border of an element to Hex 2C858F is called "border". The border property can be set on classes, ids or directly on the HTML element.

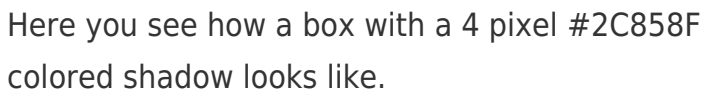
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C858F }
```

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

```
.border{ border-color:#2C858F }
```

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



Here you see how a box with a 4 pixel #2C858F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C858F; -webkit-box-shadow:4px 4px  
4px 4px #2C858F; box-shadow:4px 4px 4px  
4px #2C858F }
```

Background

The CSS property to change the background color of an element to Hex 2C858F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C858F }
```

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

```
.background{ background-color:#2C858F }
```

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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