

# Converting Colors

Hex(2E8B9E)

Have a look what the booklet for  
Hex(2E8B9E) contains.

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# Color

Hex(2E8B9E)

# Conversions

## Conversions Part 1

Format	Color
Hex	2E8B9E
RGB	46, 139, 158
RGB Percent	18%, 55%, 62%
CMY	0.8196, 0.4549, 0.3804
CMYK	0.71, 0.12, 0.00, 0.38
HSL	190°, 55%, 40%
HSV	190°, 71%, 62%
XYZ	16.5309, 21.5147, 35.6292
YIQ	113.3590, -61.5270, -13.8070

# Conversions

## Conversions Part 2

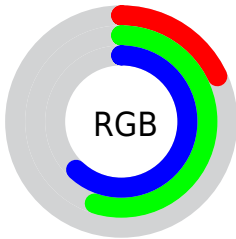
<b>Format</b>	<b>Color</b>
<b>RYB</b>	46, 97, 158
Decimal	3050398
CIELab	53.51, -20.51, -17.98
CIElCh	54, 27.272, 221.240
Yxy	21.5147, 0.2244, 0.2920
Android (android.graphics.Color)	4281240478 (0xFF2E8B9E)
YUV	113.3590, 22.0080, -59.0738
Hunter-Lab	46.3839, -17.5558, -13.0741

# Details

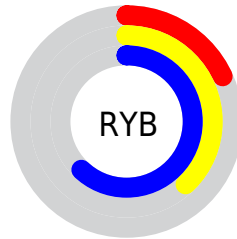
The Hex color **2E8B9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E412E**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6BC1D5**, and **00596B** is the 20% darker color. If you saturate the color by 10%, you get **1E889E**, and if you desaturate by 10%, it is **3E8E9E**.

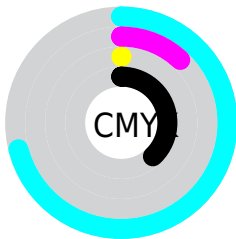
# Distribution



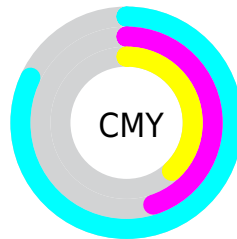
- Red (18%)
- Green (55%)
- Blue (62%)



- Red (18%)
- Yellow (38%)
- Blue (62%)



- Cyan (71%)
- Magenta (12%)
- Yellow (0%)
- Black (38%)



- Cyan (82%)
- Magenta (45%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2E8B9E 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 2E8B9E by changing the saturation by 10% instead.



■ 2E8B9E

■ 2E8B9E

FFFFFF

■ 007184

■ 6BC1D5

■ 00596B

■ 88DDF1

■ 004152

■ A5F9FF

■ 002B3B

■ C2FFFF

■ 001626

■ DFFFFF

■ 000110

FDFFFF

■ 000000

■ 2E8B9E

■ 2E8B9E

■ 1E889E

■ 3E8E9E

0E869E

4E909E

00839E

5D939E

6D969E

7D989E

8D9B9E

9D9E9E

ACA09E

BCA39E

# Harmonies

## Analogous

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



368D88



2E8B9E



4886AC

# Triad

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



2E8B9E



A5708F



878151

# Complementary

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



2E8B9E



9E412E

# 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.



9D7954



2E8B9E



AE6E78

# Square

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



2E8B9E



8E77A3



AB7262



6D885C

# Rectangle

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



2E8B9E



6182AE



AB7262



8F7F51



# Sweetspot

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



2E8B9E



A3C7CF



2E9E41



4E6469



E8E8E8



696969



# Same Dimension

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



2E8B9E



1FB1CF



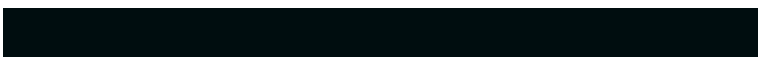
2E539E



474E4F



00778F



000D0F



# Inverse Universe

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



9E2E8B



CF1FB1



9E792E



4F474E



8F0077



0F000D



# Previews

## White Background



This preview shows how the Hex color 2E8B9E looks on a white background.

## Color Contrast Check

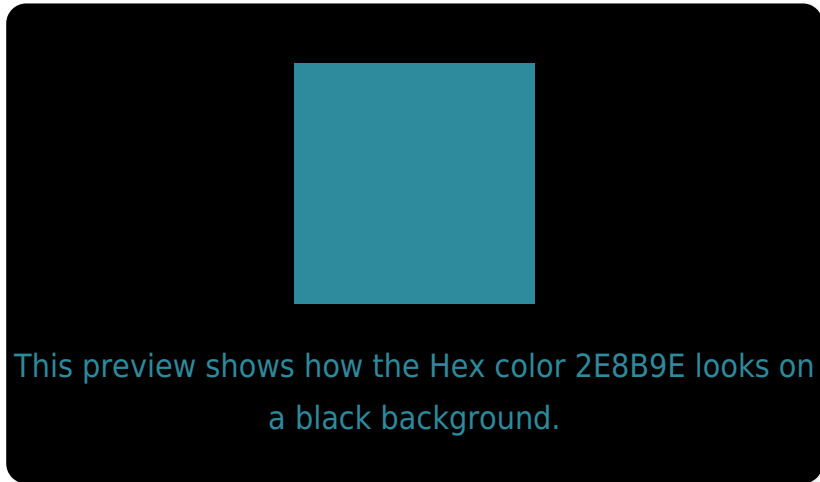
Large Text (above 18pt) WCAG AA ✓ Pass

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

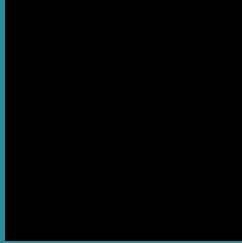
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2E8B9E Background



This preview shows how black text looks on a background with the Hex color 2E8B9E.

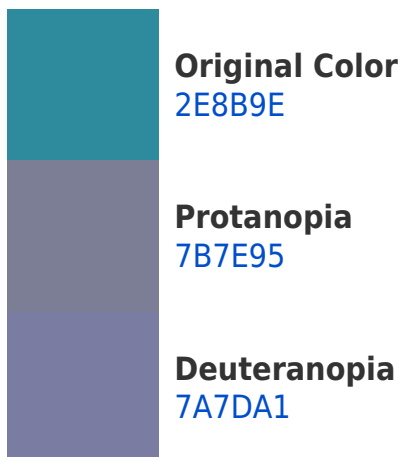


This preview shows how white text looks on a background with the Hex color 2E8B9E.

# 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](#).

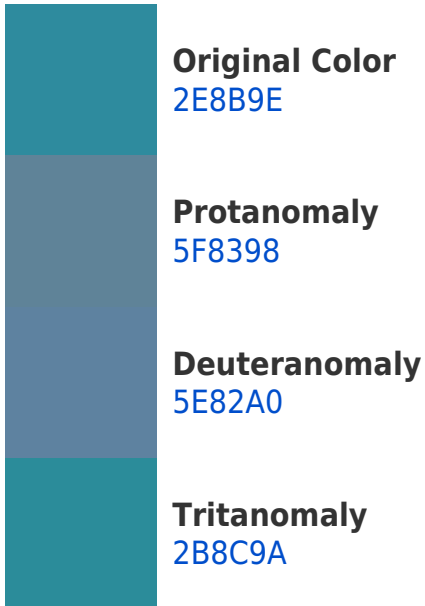
## Dichromacy





**Tritanopia**  
2A8C97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2E8B9E 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 #2E8B9E looks like.

```
.text, #text, p{  
    color:#2E8B9E  
}
```

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 #2E8B9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E8B9E
}
```

## Border

The CSS property to change the border of an element to Hex 2E8B9E is called "border". The border property can be set on classes, ids or directly on the HTML element.

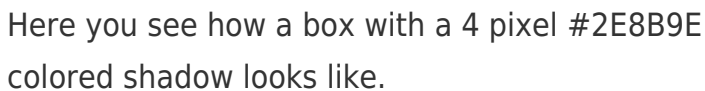
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2E8B9E }
```

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

```
.border{ border-color:#2E8B9E }
```

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



Here you see how a box with a 4 pixel #2E8B9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E8B9E; -webkit-box-shadow:4px 4px  
4px 4px #2E8B9E; box-shadow:4px 4px 4px  
4px #2E8B9E }
```

# Background

The CSS property to change the background color of an element to Hex 2E8B9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E8B9E }
```

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

```
.background{ background-color:#2E8B9E }
```

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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