

# Converting Colors

Hex(2F8E8F)

Have a look what the booklet for  
Hex(2F8E8F) contains.

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# Color

Hex(2F8E8F)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 2F8E8F                       |
| RGB         | 47, 142, 143                 |
| RGB Percent | 18%, 56%, 56%                |
| CMY         | 0.8157, 0.4431, 0.4392       |
| CMYK        | 0.67, 0.01, 0.00, 0.44       |
| HSL         | 181°, 51%, 37%               |
| HSV         | 181°, 67%, 56%               |
| XYZ         | 15.8032, 21.9335, 29.3873    |
| YIQ         | 113.7090, -56.9410, -19.8290 |

# Conversions

## Conversions Part 2

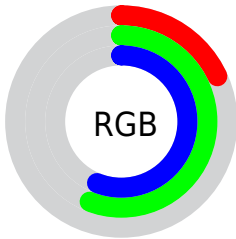
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 47, 95, 143                    |
| Decimal                             | 3116687                        |
| CIELab                              | 53.96, -26.60, -8.64           |
| CIELCh                              | 54, 27.962, 197.988            |
| Yxy                                 | 21.9335, 0.2354,<br>0.3268     |
| Android<br>(android.graphics.Color) | 4281306767<br>(0xFF2F8E8F)     |
| YUV                                 | 113.7090, 14.4405,<br>-58.5038 |
| Hunter-Lab                          | 46.8332, -21.7258,<br>-4.4205  |




# Details

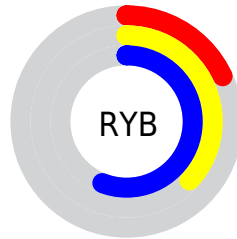
The Hex color **2F8E8F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F302F**, and the grayscale version is **727272**.




A 20% lighter version of the original color is **6BC4C5**, and **005B5D** is the 20% darker color. If you saturate the color by 10%, you get **218E8F**, and if you desaturate by 10%, it is **3D8E8F**.

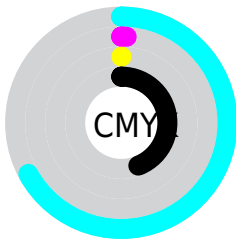
# Distribution







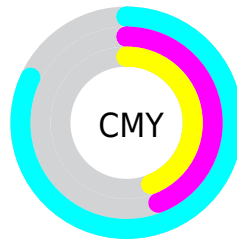
-  Red (18%)
-  Green (56%)
-  Blue (56%)






-  Red (18%)
-  Yellow (37%)
-  Blue (56%)



-  Cyan (67%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (44%)



-  Cyan (82%)
-  Magenta (44%)
-  Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8E8F 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 2F8E8F by changing the saturation by 10% instead.



 2F8E8F

 2F8E8F

FFFFFF

 007475

 6BC4C5

 005B5D

 87E0E1

 004345

 A3FDFD

 002C2F

 C0FFFF

 00171A

 DDFFFF

 000000

 FBFFFF

 2F8E8F

 2F8E8F

 218E8F

 3D8E8F

■ 128E8F

■ 4C8E8F

■ 048E8F

■ 5A8E8F

■ 008E8F

■ 688F8F

■ 778F8F

■ 858F8F

■ 938F8F

■ A18F8F

■ B08F8F

# Harmonies

## Analogous

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



4A8D76



2F8E8F



2F8CA4

# Triad

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



2F8E8F



9676A1



9A7C52

# Complementary

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



2F8E8F



8F302F

# 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.



AB745E



2F8E8F



AA708C

# Square

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



2F8E8F



767EAF



B16F73



838453

# Rectangle

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



2F8E8F



4388AD



B16F73



A07955



# Sweetspot

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



2F8E8F



95BABA



2F8F2F



485E5E



DEDEDE



5E5E5E



# Same Dimension

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



2F8E8F



23B9BA



2F5F8F



404747



008687



000808



# Inverse Universe

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



8F2F8E



BA23B9



8F5F2F



474047



870086

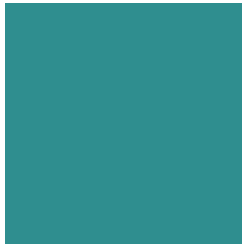


080008



# Previews

## White Background



This preview shows how the Hex color 2F8E8F looks on a white background.

## Color Contrast Check

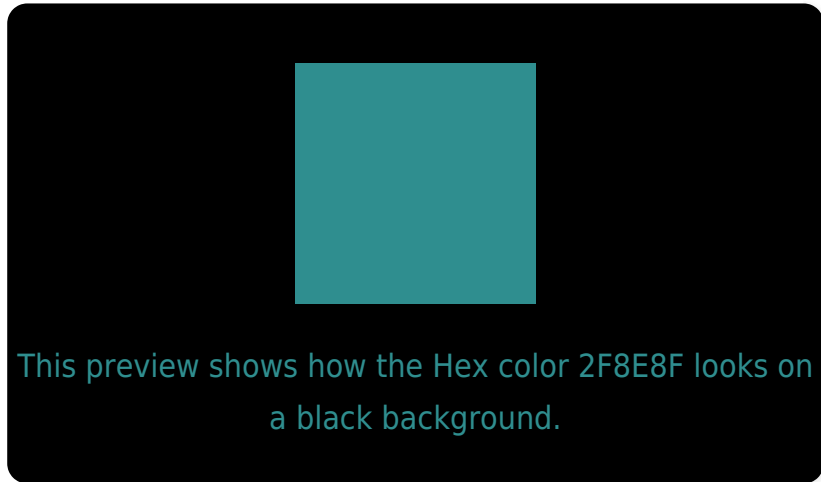
Large Text (above 18pt) WCAG AA ✓ Pass

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

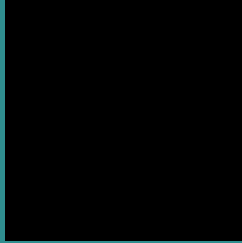
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F8E8F Background



This preview shows how black text looks on a background with the Hex color 2F8E8F.

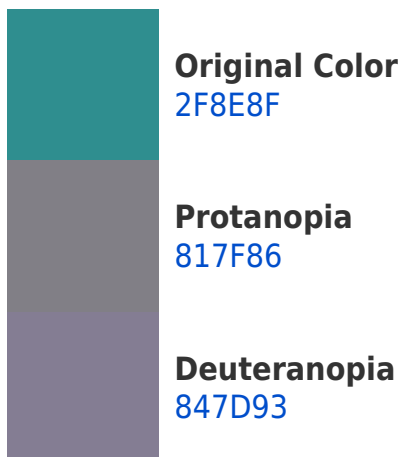


This preview shows how white text looks on a background with the Hex color 2F8E8F.

# 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**  
348D98

# Trichromacy



**Original Color**  
2F8E8F

**Protanomaly**  
638489

**Deuteranomaly**  
658392

**Tritanomaly**  
328D95

# Monochromacy



**Original Color**  
2F8E8F

**Achromatopsia**  
727272

**Achromatomaly**  
5A7C7D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8E8F 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 #2F8E8F looks like.

```
.text, #text, p{  
    color:#2F8E8F  
}
```

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 #2F8E8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8E8F
}
```

## Border

The CSS property to change the border of an element to Hex 2F8E8F 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
#2F8E8F }
```

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

```
.border{ border-color:#2F8E8F }
```

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

Here you see how a box with a 4 pixel #2F8E8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8E8F; -webkit-box-shadow:4px 4px  
4px 4px #2F8E8F; box-shadow:4px 4px 4px  
4px #2F8E8F }
```

# Background

The CSS property to change the background color of an element to Hex 2F8E8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8E8F }
```

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

```
.background{ background-color:#2F8E8F }
```

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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