

# Converting Colors

Hex(2F8988)

Have a look what the booklet for  
Hex(2F8988) contains.

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# Color

Hex(2F8988)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2F8988
RGB	47, 137, 136
RGB Percent	18%, 54%, 53%
CMY	0.8157, 0.4627, 0.4667
CMYK	0.66, 0.00, 0.01, 0.46
HSL	179°, 49%, 36%
HSV	179°, 66%, 54%
XYZ	14.5619, 20.2732, 26.4382
YIQ	109.9760, -53.3190, -19.3910

# Conversions

## Conversions Part 2

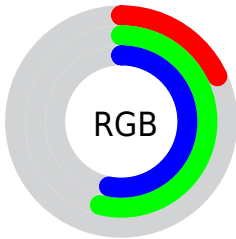
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 92, 137
Decimal	3115400
CIELab	52.14, -26.18, -7.28
CIELCh	52, 27.176, 195.543
Yxy	20.2732, 0.2377, 0.3309
Android (android.graphics.Color)	4281305480 (0xFF2F8988)
YUV	109.9760, 12.8298, -55.2300
Hunter-Lab	45.0258, -21.0661, -3.2957

# Details

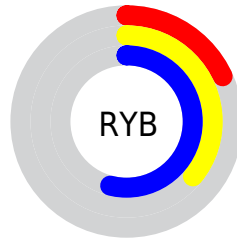
The Hex color **2F8988** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **892F30**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **69BFBD**, and **005756** is the 20% darker color. If you saturate the color by 10%, you get **218988**, and if you desaturate by 10%, it is **3D8988**.

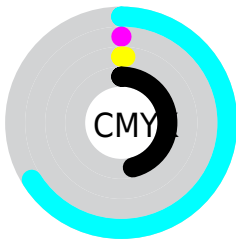
# Distribution



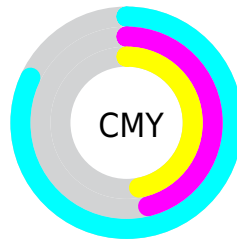
- Red (18%)
- Green (54%)
- Blue (53%)



- Red (18%)
- Yellow (36%)
- Blue (54%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2F8988 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 2F8988 by changing the saturation by 10% instead.



 2F8988

 2F8988

FFFFFF

 026F6F

 69BFBD

 005756

 85DBD9

 003F3F

 A2F7F5

 002829

 BEFFFF

 000F15


 DBFFFF

 000000

 F9FFFF

 2F8988

 2F8988

 218988

 3D8988

■ 148988

■ 4A8988

■ 068988

■ 588988

■ 008987

■ 668989

■ 738989

■ 818989

■ 8F8989

■ 9D8989

■ AA8989

# Harmonies

## Analogous

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



498870



2F8988



2C879D

# Triad

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



2F8988



8E729D



96774F

# Complementary

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



2F8988



892F30

# 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.



A56F5C



2F8988



A36C89

# Square

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



2F8988



6F7AA9



AA6B71



807F4F

# Rectangle

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



2F8988



3E84A6



AA6B71



9C7453



# Sweetspot

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



2F8988



8FB3B2



30892F



445959



D9D9D9



595959



# Same Dimension

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



2F8988



25B3B1



2F5D89



3E4545



008583



000505



# Inverse Universe

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



892F30



B32527



895B2F



453E3E



850001



050000



# Previews

## White Background



This preview shows how the Hex color 2F8988 looks on a white background.

## Color Contrast Check

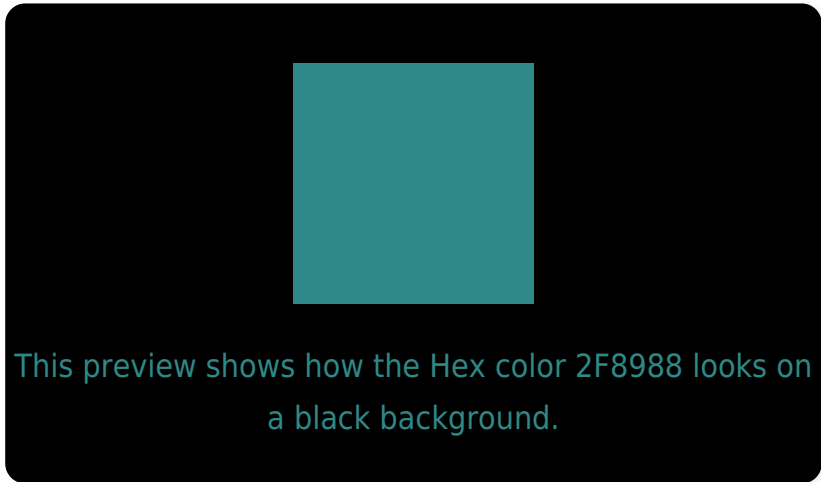
Large Text (above 18pt) WCAG AA ✓ Pass

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

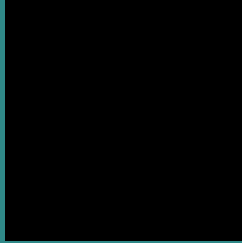
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2F8988 Background



This preview shows how black text looks on a background with the Hex color 2F8988.

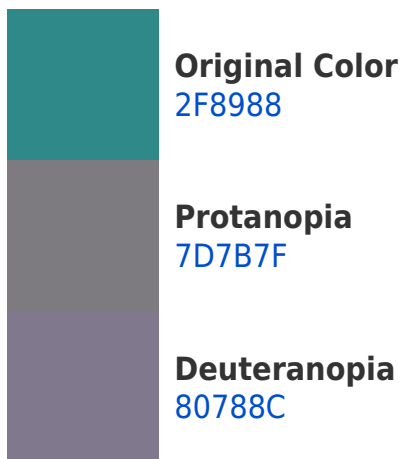


This preview shows how white text looks on a background with the Hex color 2F8988.

# 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**  
348792

# Trichromacy



**Original Color**  
2F8988

**Protanomaly**  
618082

**Deuteranomaly**  
637E8B

**Tritanomaly**  
32888E

# Monochromacy



**Original Color**  
2F8988

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
577877

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2F8988 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 #2F8988 looks like.

```
.text, #text, p{  
    color:#2F8988  
}
```

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 #2F8988 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8988
}
```

## Border

The CSS property to change the border of an element to Hex 2F8988 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
#2F8988 }
```

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

```
.border{ border-color:#2F8988 }
```

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

Here you see how a box with a 4 pixel #2F8988 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8988; -webkit-box-shadow:4px 4px  
4px 4px #2F8988; box-shadow:4px 4px 4px  
4px #2F8988 }
```

# Background

The CSS property to change the background color of an element to Hex 2F8988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8988 }
```

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

```
.background{ background-color:#2F8988 }
```

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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