

Converting Colors

Hex(2F897C)

Have a look what the booklet for
Hex(2F897C) contains.

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Color

Hex(2F897C)

Conversions

Conversions Part 1

Format	Color
Hex	2F897C
RGB	47, 137, 124
RGB Percent	18%, 54%, 49%
CMY	0.8157, 0.4627, 0.5137
CMYK	0.66, 0.00, 0.09, 0.46
HSL	171°, 49%, 36%
HSV	171°, 66%, 54%
XYZ	13.7560, 19.9509, 22.1947
YIQ	108.6080, -49.4670, -23.1230

Conversions

Conversions Part 2

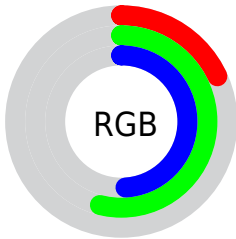
Format	Color
RYB	47, 96, 137
Decimal	3115388
CIELab	51.78, -29.65, -0.84
CIELCh	52, 29.659, 181.622
Yxy	19.9509, 0.2461, 0.3569
Android (android.graphics.Color)	4281305468 (0xFF2F897C)
YUV	108.6080, 7.5883, -54.0302
Hunter-Lab	44.6664, -23.1931, 1.8054

Details

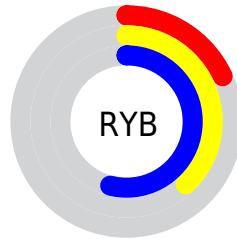
The Hex color **2F897C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **892F3C**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **68BFB0**, and **00564B** is the 20% darker color. If you saturate the color by 10%, you get **21897A**, and if you desaturate by 10%, it is **3D897E**.

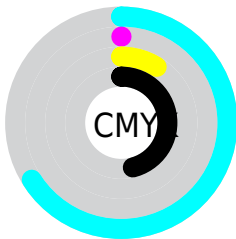
Distribution



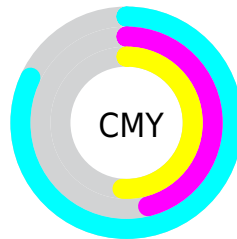
- Red (18%)
- Green (54%)
- Blue (49%)



- Red (18%)
- Yellow (38%)
- Blue (54%)



- Cyan (66%)
- Magenta (0%)
- Yellow (9%)
- Black (46%)



- Cyan (82%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F897C 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 2F897C by changing the saturation by 10% instead.

 2F897C

 2F897C

FFFFFF

 056F63

 68BFB0

 00564B

 84DBCC

 003F35

 A0F8E8

 002820

 BDFFFF

 000C08


 DAFFFF

 000000

 F7FFFF

 2F897C

 2F897C

 21897A

 3D897E

■ 148978

■ 4A8980

■ 068976

■ 588982

■ 008975

■ 668984

■ 738986

■ 818988

■ 8F898A

■ 9D898C

■ AA898E

Harmonies

Analogous

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



528762



2F897C



0E8895

Triad

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



2F897C



8074A7



A0724F

Complementary

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



2F897C



892F3C

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.



AC6A62



2F897C



9D6C94

Square

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



2F897C



597DAE



AB687B



8B7A48

Rectangle

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



2F897C



1D86A2



AB687B



A56F55

Sweetspot

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



2F897C



8FB3AD



3C892F



445956



D9D9D9



595959

Same Dimension

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



2F897C



25B39E



2F6989



3E4544



008571



000504

Inverse Universe

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



892F3C



B3253A



894E2F



453E3F



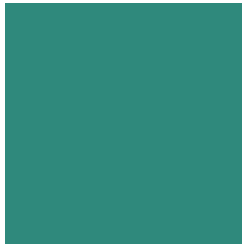
850013



050001

Previews

White Background



This preview shows how the Hex color 2F897C looks on a white background.

Color Contrast Check

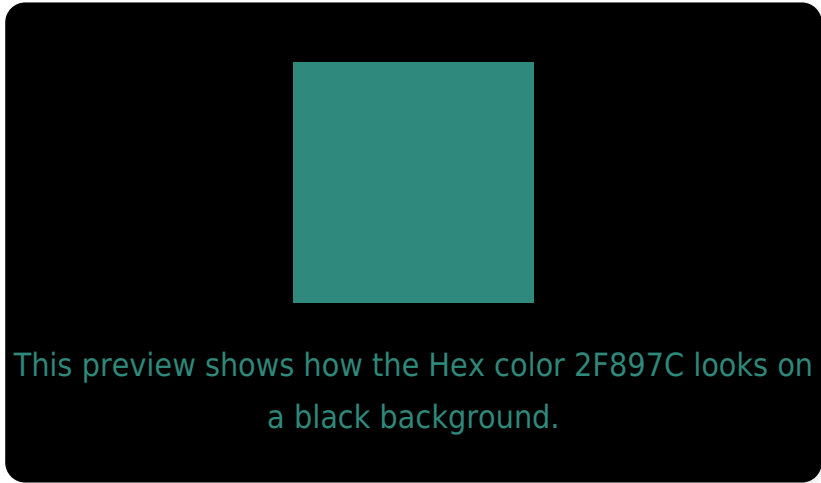
Large Text (above 18pt) WCAG AA ✓ Pass

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

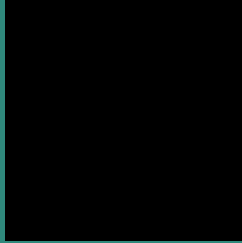
Any Text WCAG AA ✓ Pass

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 2F897C Background



This preview shows how black text looks on a background with the Hex color 2F897C.

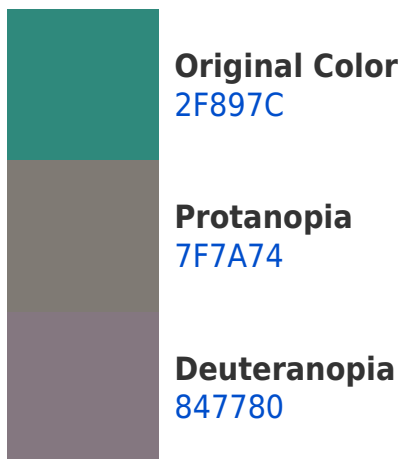


This preview shows how white text looks on a background with the Hex color 2F897C.

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
398691

Trichromacy



Original Color
2F897C



Protanomaly
627F77



Deuteranomaly
657E7F



Tritanomaly
358789

Monochromacy



Original Color
2F897C



Achromatopsia
6D6D6D



Achromatomaly
567772

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F897C 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 #2F897C looks like.

```
.text, #text, p{  
    color:#2F897C  
}
```

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 #2F897C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F897C  
}
```

Border

The CSS property to change the border of an element to Hex 2F897C 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  
#2F897C }
```

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

```
.border{ border-color:#2F897C }
```

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

Here you see how a box with a 4 pixel #2F897C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F897C; -webkit-box-shadow:4px 4px  
4px 4px #2F897C; box-shadow:4px 4px 4px  
4px #2F897C }
```

Background

The CSS property to change the background color of an element to Hex 2F897C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F897C }
```

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

```
.background{ background-color:#2F897C }
```

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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