

Converting Colors

Hex(2F8481)

Have a look what the booklet for
Hex(2F8481) contains.

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Color

Hex(2F8481)

Conversions

Conversions Part 1

Format	Color
Hex	2F8481
RGB	47, 132, 129
RGB Percent	18%, 52%, 51%
CMY	0.8157, 0.4824, 0.4941
CMYK	0.64, 0.00, 0.02, 0.48
HSL	178°, 47%, 35%
HSV	178°, 64%, 52%
XYZ	13.3860, 18.6918, 23.6712
YIQ	106.2430, -49.6970, -18.9530

Conversions

Conversions Part 2

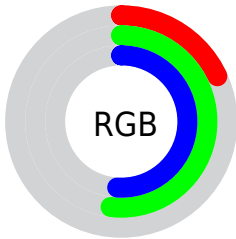
Format	Color
RYB	47, 90, 132
Decimal	3114113
CIELab	50.32, -25.74, -5.91
CIElCh	50, 26.411, 192.921
Yxy	18.6918, 0.2401, 0.3353
Android (android.graphics.Color)	4281304193 (0xFF2F8481)
YUV	106.2430, 11.2192, -51.9561
Hunter-Lab	43.2341, -20.3930, -2.1982

Details

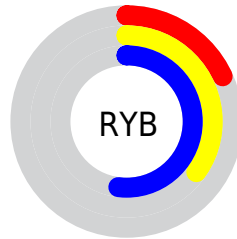
The Hex color **2F8481** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **842F32**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **68B9B6**, and **005250** is the 20% darker color. If you saturate the color by 10%, you get **228481**, and if you desaturate by 10%, it is **3C8481**.

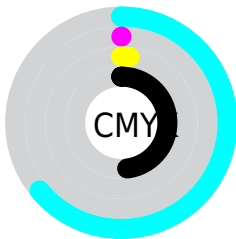
Distribution



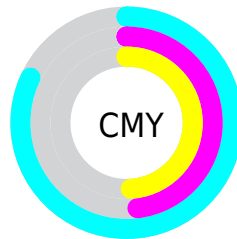
- Red (18%)
- Green (52%)
- Blue (51%)



- Red (18%)
- Yellow (35%)
- Blue (52%)



- Cyan (64%)
- Magenta (0%)
- Yellow (2%)
- Black (48%)



- Cyan (82%)
- Magenta (48%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F8481 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 2F8481 by changing the saturation by 10% instead.

 2F8481

 2F8481

FFFFFF

 066B68

 68B9B6

 005250

 84D5D1

 003A39

 A0F2EE

 002524

 BCFFFF

 00030F

 D9FFFF

 000000

 F7FFFF

 2F8481

 2F8481

 228481

 3C8481

■ 158480

■ 498482

■ 078480

■ 578482

■ 00847F

■ 648483

■ 718483

■ 7E8484

■ 8B8484

■ 998485

■ A68485

Harmonies

Analogous

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



49836A



2F8481



298296

Triad

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



2F8481



876E99



92724D

Complementary

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



2F8481



842F32

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.



A06B5A



2F8481



9C6886

Square

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



2F8481



6877A3



A4676F



7D794B

Rectangle

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



2F8481



39809F



A4676F



986F50

Sweetspot

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



2F8481



8AABAA



33842F



435756



D6D6D6



575757

Same Dimension

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



2F8481



27ABA6



2F5E84



3C4242



00827D



000302

Inverse Universe

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



842F32



AB272C



84552F



423C3C



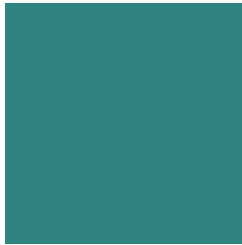
820005



030000

Previews

White Background



This preview shows how the Hex color 2F8481 looks on a white background.

Color Contrast Check

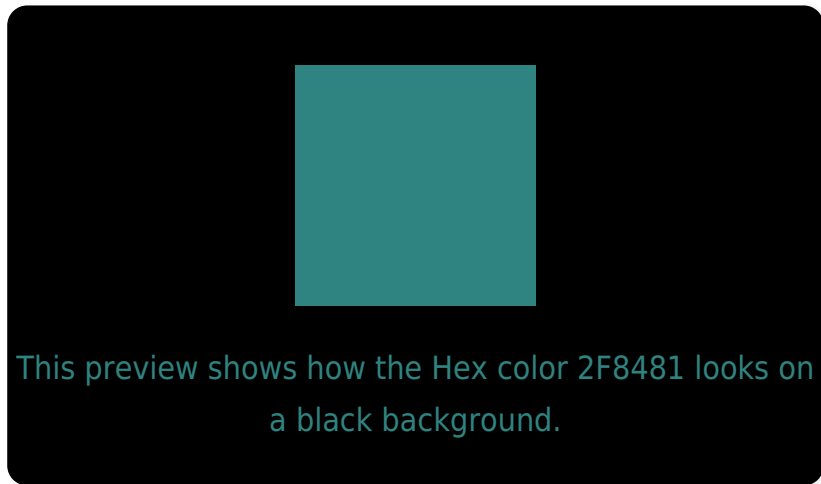
Large Text (above 18pt) WCAG AA ✓ Pass

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

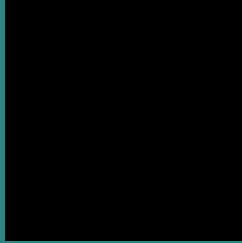
Any Text WCAG AA ✓ Pass

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 2F8481 Background



This preview shows how black text looks on a background with the Hex color 2F8481.

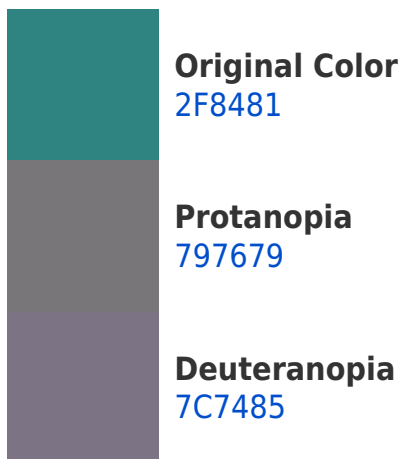


This preview shows how white text looks on a background with the Hex color 2F8481.

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



Trichromacy



Original Color
2F8481



Protanomaly
5E7B7C



Deuteranomaly
607A84



Tritanomaly
338389

Monochromacy



Original Color
2F8481



Achromatopsia
6A6A6A



Achromatomaly
557372

CSS Examples

Text

The CSS property to change the color of the text to Hex 2F8481 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 #2F8481 looks like.

```
.text, #text, p{  
    color:#2F8481  
}
```

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 #2F8481 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F8481
}
```

Border

The CSS property to change the border of an element to Hex 2F8481 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
#2F8481 }
```

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

```
.border{ border-color:#2F8481 }
```

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

Here you see how a box with a 4 pixel #2F8481 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F8481; -webkit-box-shadow:4px 4px  
4px 4px #2F8481; box-shadow:4px 4px 4px  
4px #2F8481 }
```

Background

The CSS property to change the background color of an element to Hex 2F8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F8481 }
```

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

```
.background{ background-color:#2F8481 }
```

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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