

Converting Colors

Hex(47897F)

Have a look what the booklet for
Hex(47897F) contains.

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Color

Hex(47897F)

Conversions

Conversions Part 1

Format	Color
Hex	47897F
RGB	71, 137, 127
RGB Percent	28%, 54%, 50%
CMY	0.7216, 0.4627, 0.5020
CMYK	0.48, 0.00, 0.07, 0.46
HSL	171°, 32%, 41%
HSV	171°, 48%, 54%
XYZ	15.3750, 20.7632, 23.2760
YIQ	116.1260, -36.1260, -17.1020

Conversions

Conversions Part 2

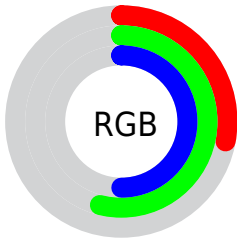
Format	Color
RYB	71, 107, 137
Decimal	4688255
CIELab	52.69, -23.64, -1.16
CIElCh	53, 23.669, 182.799
Yxy	20.7632, 0.2588, 0.3495
Android (android.graphics.Color)	4282878335 (0xFF47897F)
YUV	116.1260, 5.3609, -39.5755
Hunter-Lab	45.5667, -19.5128, 1.6106

Details

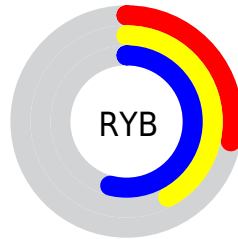
The Hex color **47897F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **894751**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7CBFB4**, and **0C574E** is the 20% darker color. If you saturate the color by 10%, you get **39897D**, and if you desaturate by 10%, it is **558981**.

Distribution



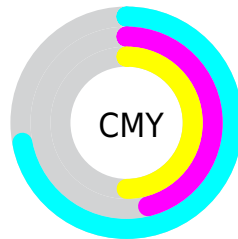
- Red (28%)
- Green (54%)
- Blue (50%)



- Red (28%)
- Yellow (42%)
- Blue (54%)



- Cyan (48%)
- Magenta (0%)
- Yellow (7%)
- Black (46%)



- Cyan (72%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 47897F 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 47897F by changing the saturation by 10% instead.



47897F



47897F

FFFFFF



2C6F66



7CBFB4



0C574E



97DBC F



003F37



B3F7EB



002922



CFFFFF



00110C



ECF FFF



000000



47897F



47897F



39897D



558981



2C897B



628983

■ 1E8979

■ 708985

■ 108977

■ 7E8987

■ 038975

■ 8C8989

■ 008974

■ 99898B

■ A7898E

■ B58990

■ C28992

Harmonies

Analogous

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



5D876B



47897F



3D8893

Triad

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



47897F



8378A0



9C765A

Complementary

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



47897F



894751

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.



A57169



47897F



997291

Square

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



47897F



667FA6



A56F7D



8A7D55

Rectangle

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



47897F



43869D



A56F7D



A0745E

Sweetspot

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



47897F



9AB3AF



528947



4A5957



D9D9D9



595959

Same Dimension

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



47897F



4BB3A3



477389



3E4544



008571



000504

Inverse Universe

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



894751



B34B5B



895D47



453E3F



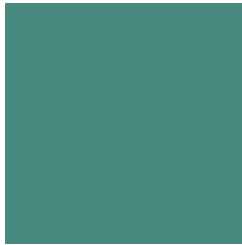
850014



050001

Previews

White Background



This preview shows how the Hex color 47897F looks on a white background.

Color Contrast Check

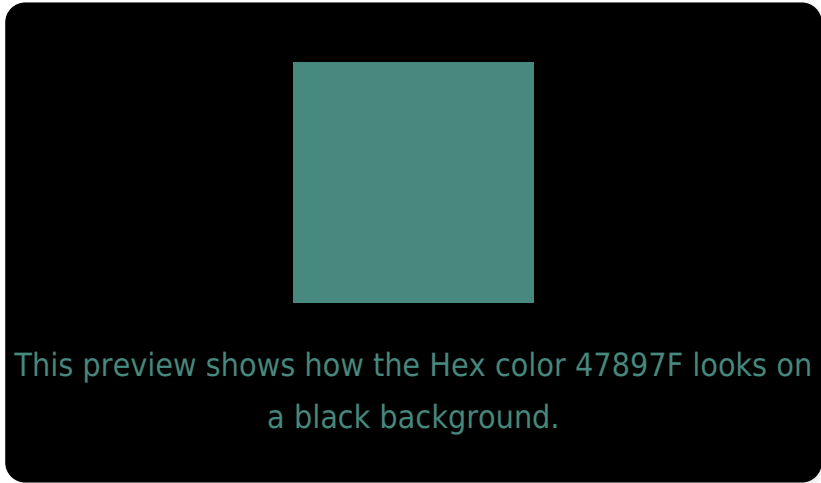
Large Text (above 18pt) WCAG AA ✓ Pass

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

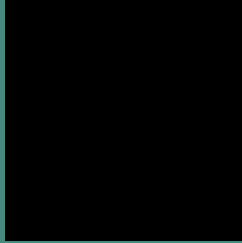
Any Text WCAG AA ✓ Pass

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 47897F Background



This preview shows how black text looks on a background with the Hex color 47897F.

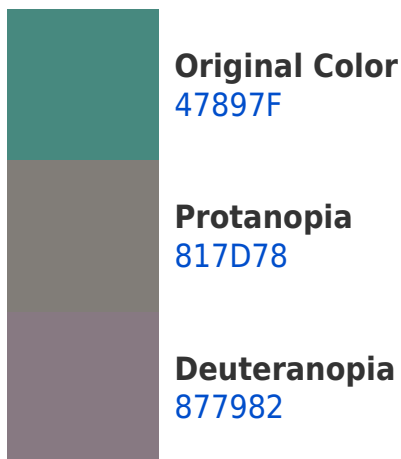



This preview shows how white text looks on a background with the Hex color 47897F.

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
4D8691

Trichromacy



Original Color
47897F

Protanomaly
6C817B

Deuteranomaly
707F81

Tritanomaly
4B878A

Monochromacy



Original Color
47897F

Achromatopsia
747474

Achromatomaly
647C78

CSS Examples

Text

The CSS property to change the color of the text to Hex 47897F 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 #47897F looks like.

```
.text, #text, p{  
    color:#47897F  
}
```

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 #47897F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47897F  
}
```

Border

The CSS property to change the border of an element to Hex 47897F 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  
#47897F }
```

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

```
.border{ border-color:#47897F }
```

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

Here you see how a box with a 4 pixel #47897F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47897F; -webkit-box-shadow:4px 4px  
4px 4px #47897F; box-shadow:4px 4px 4px  
4px #47897F }
```

Background

The CSS property to change the background color of an element to Hex 47897F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47897F }
```

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

```
.background{ background-color:#47897F }
```

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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