

Converting Colors

Hex(2A897B)

Have a look what the booklet for
Hex(2A897B) contains.

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Color

Hex(2A897B)

Conversions

Conversions Part 1

Format	Color
Hex	2A897B
RGB	42, 137, 123
RGB Percent	16%, 54%, 48%
CMY	0.8353, 0.4627, 0.5176
CMYK	0.69, 0.00, 0.10, 0.46
HSL	171°, 53%, 35%
HSV	171°, 69%, 54%
XYZ	13.4757, 19.8136, 21.8531
YIQ	106.9990, -52.1260, -24.4940

Conversions

Conversions Part 2

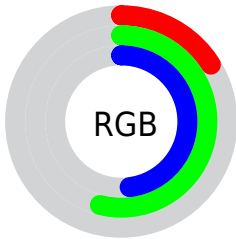
Format	Color
RYB	42, 93, 137
Decimal	2787707
CIELab	51.63, -30.77, -0.50
CIELCh	52, 30.775, 180.933
Yxy	19.8136, 0.2444, 0.3593
Android (android.graphics.Color)	4280977787 (0xFF2A897B)
YUV	106.9990, 7.8885, -57.0041
Hunter-Lab	44.5125, -23.8580, 2.0508




Details

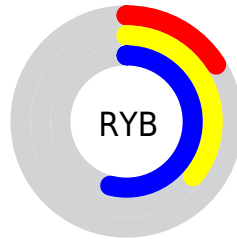
The Hex color **2A897B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **892A38**, and the grayscale version is **6B6B6B**.




A 20% lighter version of the original color is **65BFAF**, and **00564A** is the 20% darker color. If you saturate the color by 10%, you get **1C8979**, and if you desaturate by 10%, it is **38897D**.

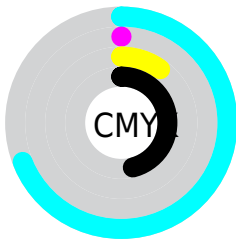
Distribution







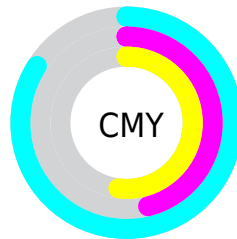
-  Red (16%)
-  Green (54%)
-  Blue (48%)






-  Red (16%)
-  Yellow (36%)
-  Blue (54%)



-  Cyan (69%)
-  Magenta (0%)
-  Yellow (10%)
-  Black (46%)



-  Cyan (84%)
-  Magenta (46%)
-  Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A897B 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 2A897B by changing the saturation by 10% instead.

 2A897B

 2A897B

FFFFFF

 006F62

 65BFAF

 00564A

 81DBCBC

 003E34

 9DF8E7

 00281F

 BAF0FF

 000B07

 D7FFFF

 000000

 F4FFFF

 2A897B

 2A897B

 1C8979

 38897D

0F8977

45897F

018975

538981

008975

618983

6E8985

7C8987

8A8989

98898B

A5898D

Harmonies

Analogous

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



508761



2A897B



008895

Triad

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



2A897B



7F74A8



A1714E

Complementary

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



2A897B



892A38

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.



AD6961



2A897B



9D6B95

Square

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



2A897B



557DAF



AC667B



8B7A46

Rectangle

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



2A897B



0C86A3



AC667B



A66E53

Sweetspot

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



2A897B



8DB3AD



38892A



435956



D9D9D9



595959

Same Dimension

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



2A897B



1EB39D



2A6889



3E4544



008571



000504

Inverse Universe

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



892A38



B31E34



894B2A



453E3F



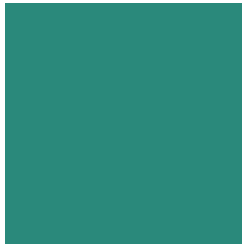
850014



050001

Previews

White Background



This preview shows how the Hex color 2A897B looks on a white background.

Color Contrast Check

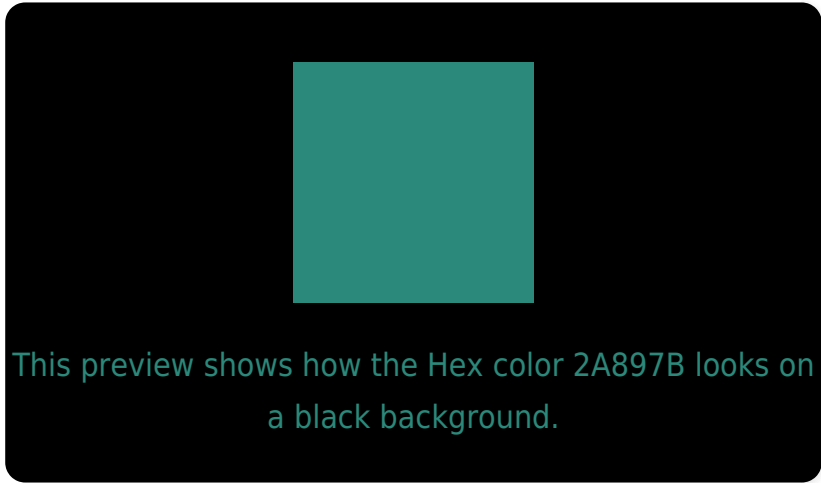
Large Text (above 18pt) WCAG AA ✓ Pass

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

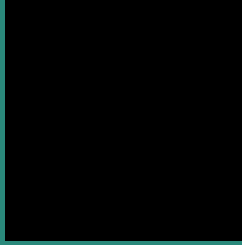
Any Text WCAG AA ✓ Pass

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 2A897B Background



This preview shows how black text looks on a background with the Hex color 2A897B.

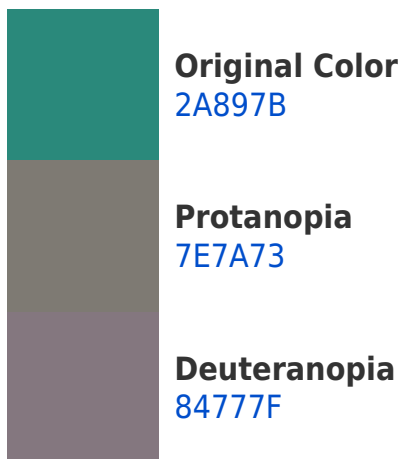


This preview shows how white text looks on a background with the Hex color 2A897B.

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
358691

Trichromacy



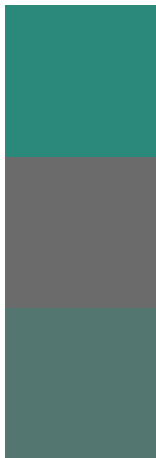
Original Color
2A897B

Protanomaly
5F7F76

Deuteranomaly
637E7E

Tritanomaly
318789

Monochromacy



Original Color
2A897B

Achromatopsia
6B6B6B

Achromatomaly
537671

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A897B 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 #2A897B looks like.

```
.text, #text, p{  
    color:#2A897B  
}
```

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 #2A897B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A897B
}
```

Border

The CSS property to change the border of an element to Hex 2A897B 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
#2A897B }
```

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

```
.border{ border-color:#2A897B }
```

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

Here you see how a box with a 4 pixel #2A897B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A897B; -webkit-box-shadow:4px 4px  
4px 4px #2A897B; box-shadow:4px 4px 4px  
4px #2A897B }
```

Background

The CSS property to change the background color of an element to Hex 2A897B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A897B }
```

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

```
.background{ background-color:#2A897B }
```

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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