

Converting Colors

Hex(2A796A)

Have a look what the booklet for
Hex(2A796A) contains.

Hex(2A796A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A796A)

Conversions

Conversions Part 1

Format	Color
Hex	2A796A
RGB	42, 121, 106
RGB Percent	16%, 47%, 42%
CMY	0.8353, 0.5255, 0.5843
CMYK	0.65, 0.00, 0.12, 0.53
HSL	169°, 48%, 32%
HSV	169°, 65%, 47%
XYZ	10.3937, 15.2076, 16.0232
YIQ	95.6690, -42.2690, -21.4130

Conversions

Conversions Part 2

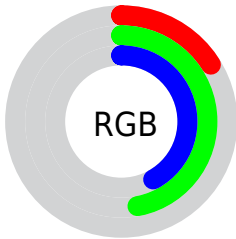
Format	Color
RYB	42, 86, 121
Decimal	2783594
CIELab	45.92, -27.78, 1.16
CIElCh	46, 27.808, 177.603
Yxy	15.2076, 0.2497, 0.3654
Android (android.graphics.Color)	4280973674 (0xFF2A796A)
YUV	95.6690, 5.0932, -47.0677
Hunter-Lab	38.9969, -20.6695, 2.9365

Details

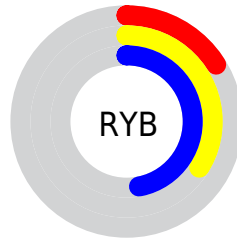
The Hex color **2A796A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792A39**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **61AE9D**, and **00483B** is the 20% darker color. If you saturate the color by 10%, you get **1E7968**, and if you desaturate by 10%, it is **36796C**.

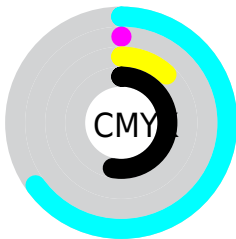
Distribution



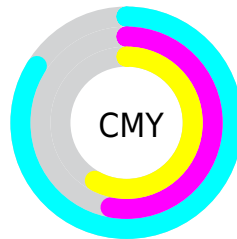
- Red (16%)
- Green (47%)
- Blue (42%)



- Red (16%)
- Yellow (34%)
- Blue (47%)



- Cyan (65%)
- Magenta (0%)
- Yellow (12%)
- Black (53%)



- Cyan (84%)
- Magenta (53%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A796A 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 2A796A by changing the saturation by 10% instead.

 2A796A

 2A796A

FFFFFF

 036052

 61AE9D

 00483B

 7CC9B8

 003125

 98E6D4

 001D10

 B4FFF0

 000000

 D0FFFF

 EDFFFF

 2A796A

 2A796A

 1E7968

 36796C

■ 127965

■ 42796F

■ 067963

■ 4E7971

■ 007962

■ 5A7973

■ 667975

■ 737978

■ 7F797A

■ 8B797C

■ 97797F

Harmonies

Analogous

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



4A7753



2A796A



017981

Triad

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



2A796A



6D6796



906346

Complementary

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



2A796A



792A39

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.



995C58



2A796A



885F86

Square

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



2A796A



47709B



975B70



7E6B3E

Rectangle

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



2A796A



09778E



975B70



94604B

Sweetspot

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



2A796A



7E9E98



3A792A



3C4F4B



CFCFCF



4F4F4F

Same Dimension

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



2A796A



239E87



2A6179



373D3C



007D65



00FCCD

Inverse Universe

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



792A39



9E233A



79422A



3D3738



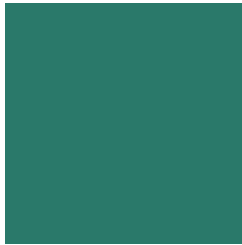
7D0018



FC0030

Previews

White Background



This preview shows how the Hex color 2A796A looks on a white background.

Color Contrast Check

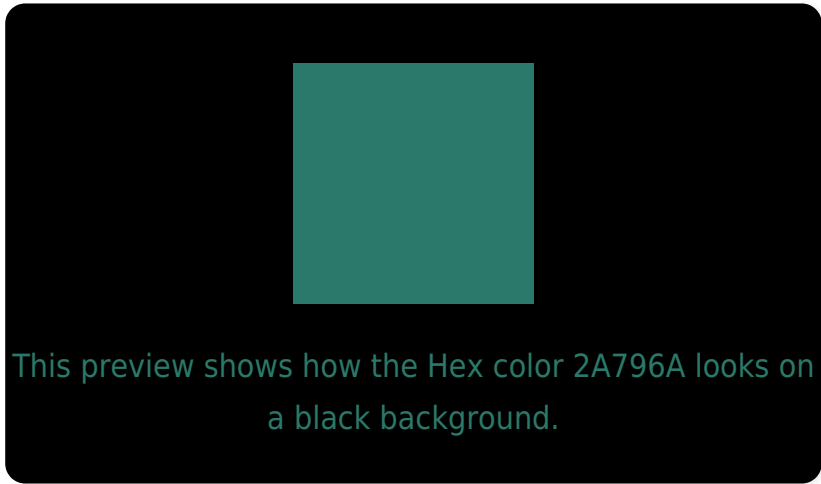
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

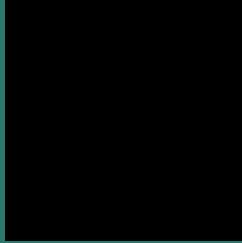
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 2A796A Background



This preview shows how black text looks on a background with the Hex color 2A796A.

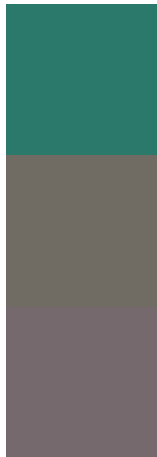


This preview shows how white text looks on a background with the Hex color 2A796A.

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



Original Color
2A796A

Protanopia
706C63

Deuteranopia
76696E



Tritanopia
33767F

Trichromacy



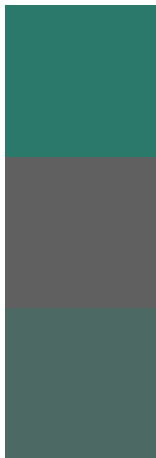
Original Color
2A796A

Protanomaly
577166

Deuteranomaly
5A6F6D

Tritanomaly
307777

Monochromacy



Original Color
2A796A

Achromatopsia
606060

Achromatomaly
4C6964

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A796A 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 #2A796A looks like.

```
.text, #text, p{  
    color:#2A796A  
}
```

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 #2A796A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A796A
}
```

Border

The CSS property to change the border of an element to Hex 2A796A 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".

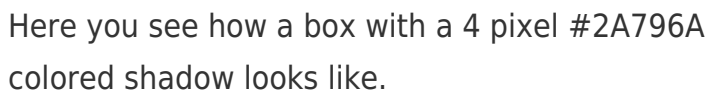
```
.border, #border, table{ border:4px solid
#2A796A }
```

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

```
.border{ border-color:#2A796A }
```

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

Here you see how a box with a 4 pixel #2A796A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A796A; -webkit-box-shadow:4px 4px  
4px 4px #2A796A; box-shadow:4px 4px 4px  
4px #2A796A }
```

Background

The CSS property to change the background color of an element to Hex 2A796A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A796A }
```

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

```
.background{ background-color:#2A796A }
```

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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