

Converting Colors

Hex(29A796)

Have a look what the booklet for
Hex(29A796) contains.

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Color

Hex(29A796)

Conversions

Conversions Part 1

Format	Color
Hex	29A796
RGB	41, 167, 150
RGB Percent	16%, 65%, 59%
CMY	0.8392, 0.3451, 0.4118
CMYK	0.75, 0.00, 0.10, 0.35
HSL	172°, 61%, 41%
HSV	172°, 75%, 65%
XYZ	20.2382, 30.3109, 33.6381
YIQ	127.3880, -69.6390, -31.9990

Conversions

Conversions Part 2

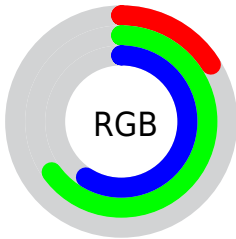
Format	Color
RYB	41, 109, 167
Decimal	2729878
CIELab	61.92, -37.30, -0.86
CIELCh	62, 37.307, 181.314
Yxy	30.3109, 0.2404, 0.3600
Android (android.graphics.Color)	4280919958 (0xFF29A796)
YUV	127.3880, 11.1477, -75.7623
Hunter-Lab	55.0553, -30.7306, 2.3133

Details

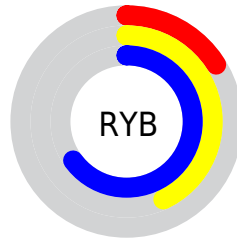
The Hex color **29A796** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A7293A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BDFCC**, and **007263** is the 20% darker color. If you saturate the color by 10%, you get **18A794**, and if you desaturate by 10%, it is **3AA798**.

Distribution



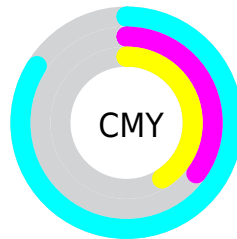
- Red (16%)
- Green (65%)
- Blue (59%)



- Red (16%)
- Yellow (43%)
- Blue (65%)



- Cyan (75%)
- Magenta (0%)
- Yellow (10%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A796 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 29A796 by changing the saturation by 10% instead.



29A796



29A796

FFFFFF



008C7C



6BDFCC



007263



89FCE8



00594C



A6FFFF



004135



C4FFFF



002A20



E1FFFF



000D09



000000



29A796



29A796



18A794



3AA798

08A791

4AA79B

00A790

5BA79D

6CA79F

7CA7A1

8DA7A4

9EA7A6

AFA7A8

BFA7AA

Harmonies

Analogous

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



5FA475



29A796



00A6B7

Triad

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



29A796



9B8CCE



C4895C

Complementary

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



29A796



A7293A

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.



D47F75



29A796



C081B6

Square

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



29A796



6698D7



D37B95



A99453

Rectangle

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



29A796



00A3C8



D37B95



CB8563

Sweetspot

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



29A796



A7D9D2



3CA729



4F6E6A



EDEDED



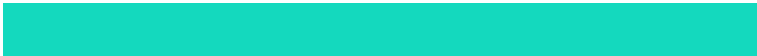
6E6E6E

Same Dimension

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



29A796



14D9BE



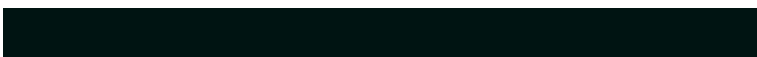
297BA7



4C5453



009480



001412

Inverse Universe

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



A7293A



D9142E



A75529



544C4D



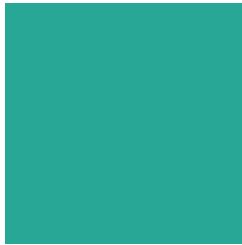
940014



140003

Previews

White Background



This preview shows how the Hex color 29A796 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 29A796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

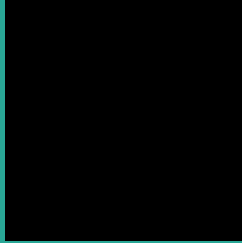
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 29A796 Background



This preview shows how black text looks on a background with the Hex color 29A796.

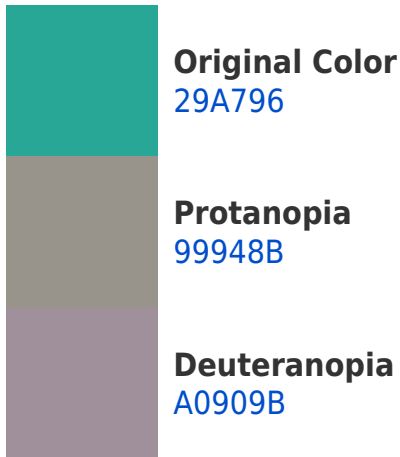


This preview shows how white text looks on a background with the Hex color 29A796.

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
39A3B0

Trichromacy



Original Color
29A796



Protanomaly
709B8F



Deuteranomaly
759899



Tritanomaly
33A4A7

Monochromacy



Original Color
29A796



Achromatopsia
7F7F7F



Achromatomaly
608E87

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A796 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 #29A796 looks like.

```
.text, #text, p{  
    color:#29A796  
}
```

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 #29A796 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A796
}
```

Border

The CSS property to change the border of an element to Hex 29A796 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
#29A796 }
```

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

```
.border{ border-color:#29A796 }
```

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

Here you see how a box with a 4 pixel #29A796 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A796; -webkit-box-shadow:4px 4px  
4px 4px #29A796; box-shadow:4px 4px 4px  
4px #29A796 }
```

Background

The CSS property to change the background color of an element to Hex 29A796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A796 }
```

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

```
.background{ background-color:#29A796 }
```

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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