

Converting Colors

Hex(28A795)

Have a look what the booklet for
Hex(28A795) contains.

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Color

Hex(28A795)

Conversions

Conversions Part 1

Format	Color
Hex	28A795
RGB	40, 167, 149
RGB Percent	16%, 65%, 58%
CMY	0.8431, 0.3451, 0.4157
CMYK	0.76, 0.00, 0.11, 0.35
HSL	171°, 61%, 41%
HSV	171°, 76%, 65%
XYZ	20.1186, 30.2585, 33.2139
YIQ	126.9750, -69.9140, -32.5220

Conversions

Conversions Part 2

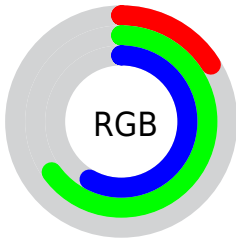
Format	Color
RYB	40, 108, 167
Decimal	2664341
CIELab	61.88, -37.69, -0.36
CIELCh	62, 37.695, 180.551
Yxy	30.2585, 0.2407, 0.3620
Android (android.graphics.Color)	4280854421 (0xFF28A795)
YUV	126.9750, 10.8583, -76.2771
Hunter-Lab	55.0077, -30.9786, 2.7058

Details

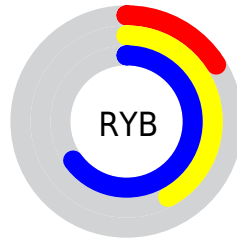
The Hex color **28A795** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A7283A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6BDFCB**, and **007262** is the 20% darker color. If you saturate the color by 10%, you get **17A793**, and if you desaturate by 10%, it is **39A797**.

Distribution



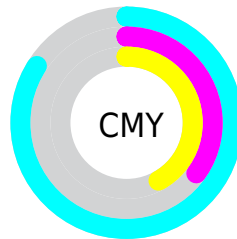
- Red (16%)
- Green (65%)
- Blue (58%)



- Red (16%)
- Yellow (42%)
- Blue (65%)



- Cyan (76%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (84%)
- Magenta (35%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28A795 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 28A795 by changing the saturation by 10% instead.

 28A795

 28A795

FFFFFF

 008C7B

 6BDFCB

 007262

 88FCE7

 00594B

 A6FFFF

 004134

 C3FFFF

 002A1F

 E1FFFF

 000D07

 000000

 28A795

 28A795

 17A793

 39A797

07A790

49A79A

00A78F

5AA79C

6BA79E

7BA7A1

8CA7A3

9DA7A6

AEA7A8

BEA7AA

Harmonies

Analogous

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



5FA474



28A795



00A6B6

Triad

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



28A795



9A8DCF



C5885C

Complementary

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



28A795



A7283A

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.



D47E75



28A795



C081B7

Square

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



28A795



6399D8



D37B96



AA9452

Rectangle

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



28A795



00A4C8



D37B96



CC8463

Sweetspot

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



28A795



A7D9D2



3BA728



4F6E69



EDEDED



6E6E6E

Same Dimension

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



28A795



14D9BD



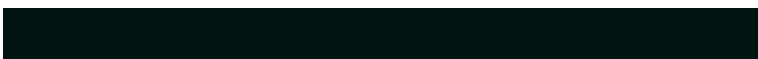
287BA7



4C5453



00947F



001412

Inverse Universe

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



A7283A



D9142F



A75428



544C4D



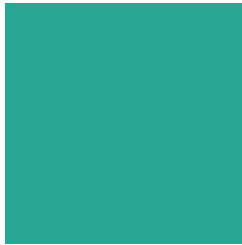
940015



140003

Previews

White Background



This preview shows how the Hex color 28A795 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 28A795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

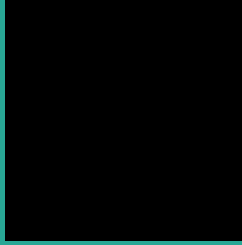
Any Text WCAG AA ✓ Pass

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 28A795 Background



This preview shows how black text looks on a background with the Hex color 28A795.

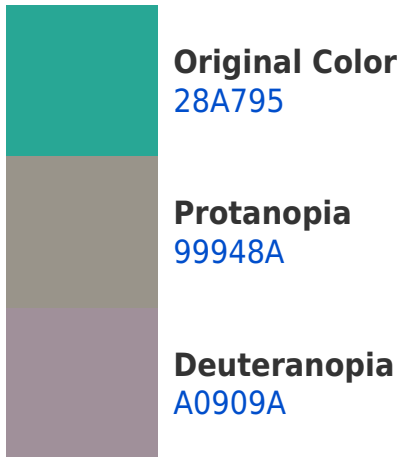


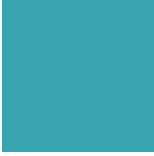
This preview shows how white text looks on a background with the Hex color 28A795.

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



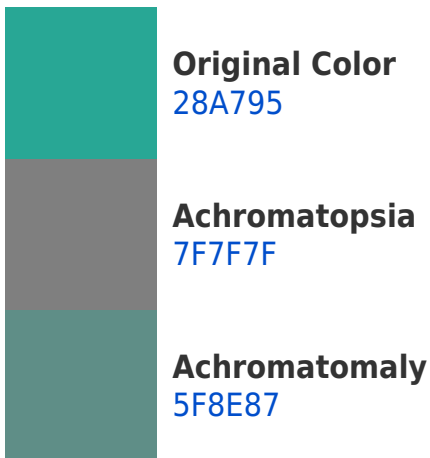


Tritanopia
39A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28A795 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 #28A795 looks like.

```
.text, #text, p{  
    color:#28A795  
}
```

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 #28A795 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28A795
}
```

Border

The CSS property to change the border of an element to Hex 28A795 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
#28A795 }
```

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

```
.border{ border-color:#28A795 }
```

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

Here you see how a box with a 4 pixel #28A795 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28A795; -webkit-box-shadow:4px 4px  
4px 4px #28A795; box-shadow:4px 4px 4px  
4px #28A795 }
```

Background

The CSS property to change the background color of an element to Hex 28A795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28A795 }
```

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

```
.background{ background-color:#28A795 }
```

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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