

Converting Colors

Hex(29A28D)

Have a look what the booklet for
Hex(29A28D) contains.

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Color

Hex(29A28D)

Conversions

Conversions Part 1

Format	Color
Hex	29A28D
RGB	41, 162, 141
RGB Percent	16%, 64%, 55%
CMY	0.8392, 0.3647, 0.4471
CMYK	0.75, 0.00, 0.13, 0.36
HSL	170°, 60%, 40%
HSV	170°, 75%, 64%
XYZ	18.6425, 28.2352, 29.6667
YIQ	123.4270, -65.3750, -32.1830

Conversions

Conversions Part 2

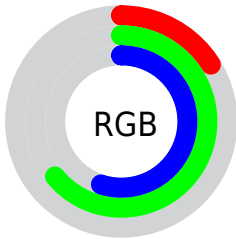
Format	Color
R_{YB}	41, 107, 162
Decimal	2728589
CIE _{Lab}	60.10, -37.51, 1.55
CIE _{LCh}	60, 37.544, 177.634
Yxy	28.2352, 0.2436, 0.3689
Android (android.graphics.Color)	4280918669 (0xFF29A28D)
YUV	123.4270, 8.6635, -72.2885
Hunter-Lab	53.1368, -30.3644, 4.0937

Details

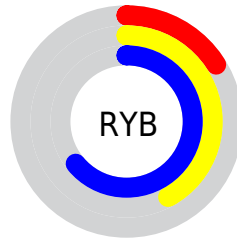
The Hex color **29A28D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A2293E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6ADAC3**, and **006D5B** is the 20% darker color. If you saturate the color by 10%, you get **19A28A**, and if you desaturate by 10%, it is **39A290**.

Distribution



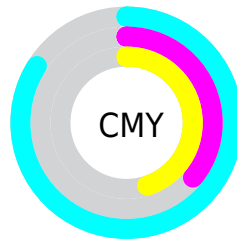
- Red (16%)
- Green (64%)
- Blue (55%)



- Red (16%)
- Yellow (42%)
- Blue (64%)



- Cyan (75%)
- Magenta (0%)
- Yellow (13%)
- Black (36%)



- Cyan (84%)
- Magenta (36%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A28D 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 29A28D by changing the saturation by 10% instead.

 29A28D

 29A28D

FFFFFF

 008774

 6ADAC3

 006D5B

 87F6DE

 005444

 A4FFFB

 003C2D

 C1FFFF

 002719

 DFFFFFF

 000100

FDFFFF

 000000

 29A28D

 29A28D

 19A28A

 39A290

■ 09A287

■ 49A293

■ 00A286

■ 5AA295

■ 6AA298

■ 7AA29B

■ 8AA29E

■ 9AA2A1

■ ABA2A3

■ BBA2A6

Harmonies

Analogous

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



5F9F6C



29A28D



00A2AE

Triad

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



29A28D



9089CB



C2825A

Complementary

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



29A28D



A2293E

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.



D07974



29A28D



B87DB5

Square

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



29A28D



5895D3



CD7795



A88E4E

Rectangle

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



29A28D



009FC1



CD7795



C87F61

Sweetspot

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



29A28D



A5D4CC



3FA229



4F6B66



EBEBEB



6B6B6B

Same Dimension

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



29A28D



15D4B3



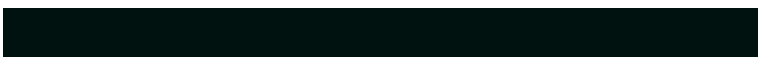
297CA2



495250



009178



00120F

Inverse Universe

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



A2293E



D41536



A24F29



52494B



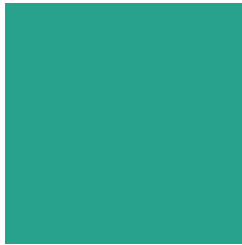
910019



120003

Previews

White Background



This preview shows how the Hex color 29A28D looks on a white background.

Color Contrast Check

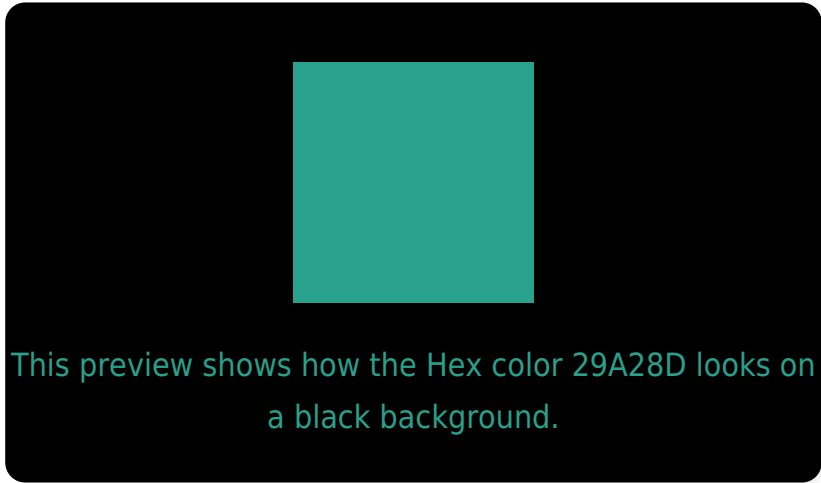
Large Text (above 18pt) WCAG AA ✓ Pass

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

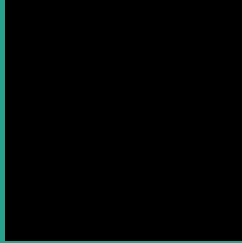
Any Text WCAG AA ✓ Pass

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 29A28D Background



This preview shows how black text looks on a background with the Hex color 29A28D.

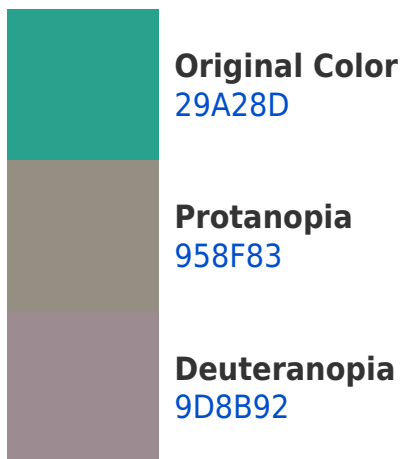


This preview shows how white text looks on a background with the Hex color 29A28D.

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
3A9EAB

Trichromacy



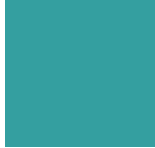
Original Color
29A28D



Protanomaly
6E9687



Deuteranomaly
739390



Tritanomaly
349FA0

Monochromacy



Original Color
29A28D



Achromatopsia
7B7B7B



Achromatomaly
5D8982

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A28D 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 #29A28D looks like.

```
.text, #text, p{  
    color:#29A28D  
}
```

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 #29A28D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A28D
}
```

Border

The CSS property to change the border of an element to Hex 29A28D 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
#29A28D }
```

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

```
.border{ border-color:#29A28D }
```

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

Here you see how a box with a 4 pixel #29A28D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A28D; -webkit-box-shadow:4px 4px  
4px 4px #29A28D; box-shadow:4px 4px 4px  
4px #29A28D }
```

Background

The CSS property to change the background color of an element to Hex 29A28D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A28D }
```

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

```
.background{ background-color:#29A28D }
```

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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