

Converting Colors

Hex(2D8A7D)

Have a look what the booklet for
Hex(2D8A7D) contains.

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Color

Hex(2D8A7D)

Conversions

Conversions Part 1

Format	Color
Hex	2D8A7D
RGB	45, 138, 125
RGB Percent	18%, 54%, 49%
CMY	0.8235, 0.4588, 0.5098
CMYK	0.67, 0.00, 0.09, 0.46
HSL	172°, 51%, 36%
HSV	172°, 67%, 54%
XYZ	13.8723, 20.2155, 22.5729
YIQ	108.7110, -51.2550, -23.7590

Conversions

Conversions Part 2

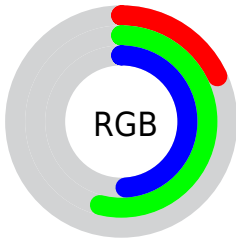
Format	Color
RYB	45, 95, 138
Decimal	2984573
CIELab	52.08, -30.20, -0.99
CIElCh	52, 30.211, 181.878
Yxy	20.2155, 0.2448, 0.3568
Android (android.graphics.Color)	4281174653 (0xFF2D8A7D)
YUV	108.7110, 8.0305, -55.8745
Hunter-Lab	44.9617, -23.6091, 1.7068

Details

The Hex color **2D8A7D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A2D3A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **67C0B2**, and **00574C** is the 20% darker color. If you saturate the color by 10%, you get **1F8A7B**, and if you desaturate by 10%, it is **3B8A7F**.

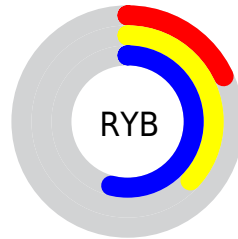
Distribution



Red (18%)

Green (54%)

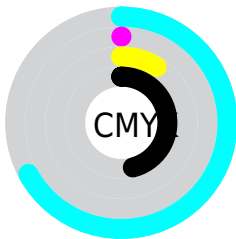
Blue (49%)



Red (18%)

Yellow (37%)

Blue (54%)

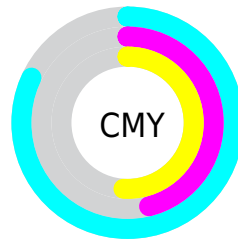


Cyan (67%)

Magenta (0%)

Yellow (9%)

Black (46%)



Cyan (82%)

Magenta (46%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8A7D 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 2D8A7D by changing the saturation by 10% instead.



2D8A7D



2D8A7D

FFFFFF



007064



67C0B2



00574C



83DCCD



003F36



9FF9E9



002920



BCFFFF



000E0A



D9FFFF



000000



F6FFFF



2D8A7D



2D8A7D



1F8A7B



3B8A7F

■ 118A79

■ 498A81

■ 048A77

■ 568A83

■ 008A77

■ 648A85

■ 728A87

■ 808A89

■ 8E8A8B

■ 9B8A8C

■ A98A8E

Harmonies

Analogous

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



518863



2D8A7D



058997

Triad

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



2D8A7D



8175A8



A1724F

Complementary

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



2D8A7D



8A2D3A

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.



AD6B62



2D8A7D



9E6C95

Square

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



2D8A7D



597EB0



AD687C



8C7B48

Rectangle

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



2D8A7D



1987A4



AD687C



A66F54

Sweetspot

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



2D8A7D



8FB3AE



3B8A2D



445956



D9D9D9



595959

Same Dimension

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



2D8A7D



22B39E



2D698A



3E4544



008572



000504

Inverse Universe

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



8A2D3A



B32236



8A4E2D



453E3F



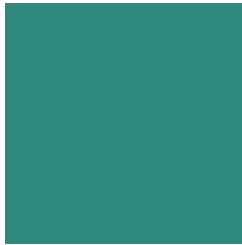
850013



050001

Previews

White Background



This preview shows how the Hex color 2D8A7D 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



This preview shows how the Hex color 2D8A7D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

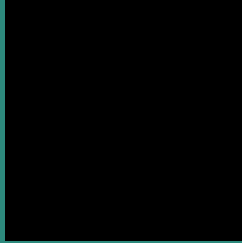
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2D8A7D Background



This preview shows how black text looks on a background with the Hex color 2D8A7D.

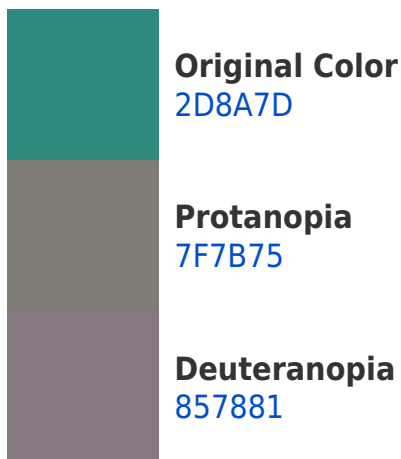


This preview shows how white text looks on a background with the Hex color 2D8A7D.

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
378792

Trichromacy



Original Color
2D8A7D



Protanomaly
618078



Deuteranomaly
657F80



Tritanomaly
33888A

Monochromacy



Original Color
2D8A7D



Achromatopsia
6D6D6D



Achromatomaly
567873

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8A7D 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 #2D8A7D looks like.

```
.text, #text, p{  
    color:#2D8A7D  
}
```

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 #2D8A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8A7D
}
```

Border

The CSS property to change the border of an element to Hex 2D8A7D 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
#2D8A7D }
```

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

```
.border{ border-color:#2D8A7D }
```

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

Here you see how a box with a 4 pixel #2D8A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8A7D; -webkit-box-shadow:4px 4px  
4px 4px #2D8A7D; box-shadow:4px 4px 4px  
4px #2D8A7D }
```

Background

The CSS property to change the background color of an element to Hex 2D8A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8A7D }
```

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

```
.background{ background-color:#2D8A7D }
```

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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