

Converting Colors

Hex(2A8D84)

Have a look what the booklet for
Hex(2A8D84) contains.

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Color

Hex(2A8D84)

Conversions

Conversions Part 1

Format	Color
Hex	2A8D84
RGB	42, 141, 132
RGB Percent	16%, 55%, 52%
CMY	0.8353, 0.4471, 0.4824
CMYK	0.70, 0.00, 0.06, 0.45
HSL	175°, 54%, 36%
HSV	175°, 70%, 55%
XYZ	14.6446, 21.2079, 25.1515
YIQ	110.3730, -56.1150, -23.7870

Conversions

Conversions Part 2

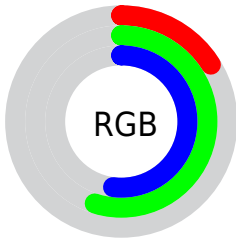
Format	Color
R_{YB}	42, 94, 141
Decimal	2788740
CIE _{Lab}	53.18, -30.12, -3.45
CIE _{LCh}	53, 30.320, 186.525
Yxy	21.2079, 0.2401, 0.3476
Android (android.graphics.Color)	4280978820 (0xFF2A8D84)
YUV	110.3730, 10.6621, -59.9631
Hunter-Lab	46.0521, -23.8281, -0.1450

Details

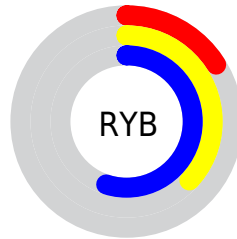
The Hex color **2A8D84** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8D2A33**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C3B9**, and **005A53** is the 20% darker color. If you saturate the color by 10%, you get **1C8D83**, and if you desaturate by 10%, it is **388D85**.

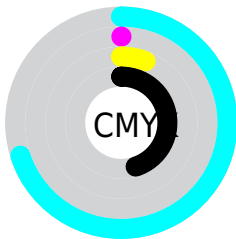
Distribution



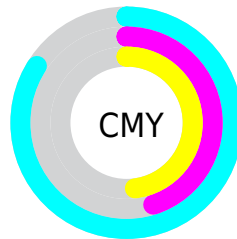
- Red (16%)
- Green (55%)
- Blue (52%)



- Red (16%)
- Yellow (37%)
- Blue (55%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8D84 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 2A8D84 by changing the saturation by 10% instead.

 2A8D84

 2A8D84

FFFFFF

 00736B

 66C3B9

 005A53

 83DFD5

 00423C


 9FFCF1

 002B26

 BCFFFF

 001412

 D9FFFF

 000000

 F6FFFF

 2A8D84

 2A8D84

 1C8D83

 388D85

■ 0E8D81

■ 468D87

■ 008D80

■ 548D88

■ 628D89

■ 708D8A

■ 7F8D8C

■ 8D8D8D

■ 9B8D8E

■ A98D90

Harmonies

Analogous

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



4F8B69



2A8D84



0D8C9D

Triad

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



2A8D84



8976A9



A17650

Complementary

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



2A8D84



8D2A33

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.



AF6E61



2A8D84



A56E94

Square

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



2A8D84



6380B3



B16B7A



8B7F4B

Rectangle

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



2A8D84



2589AA



B16B7A



A77354

Sweetspot

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



2A8D84



91B8B4



348D2A



455C5A



DBDBDB



5C5C5C

Same Dimension

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



2A8D84



1DB8AA



2A658D



404747



00877B



000807

Inverse Universe

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



8D2A33



B81D2B



8D522A



474041



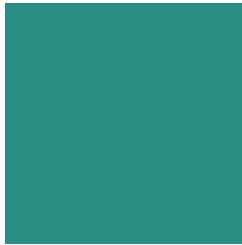
87000C



080001

Previews

White Background



This preview shows how the Hex color 2A8D84 looks on a white background.

Color Contrast Check

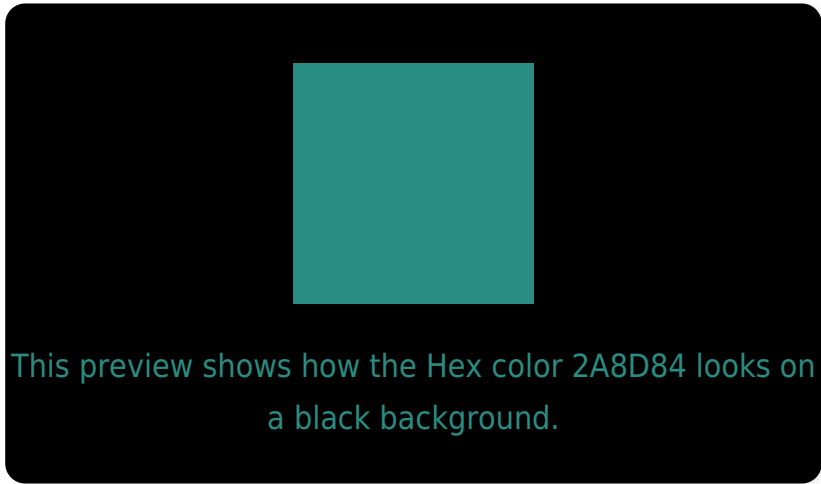
Large Text (above 18pt) WCAG AA ✓ Pass

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

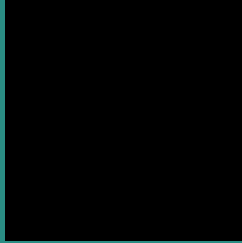
Any Text WCAG AA ✓ Pass

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 2A8D84 Background



This preview shows how black text looks on a background with the Hex color 2A8D84.

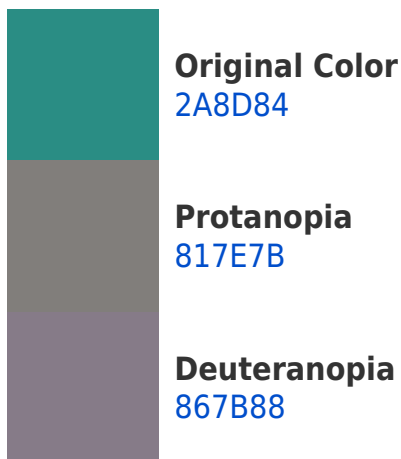


This preview shows how white text looks on a background with the Hex color 2A8D84.

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
348A96

Trichromacy



Original Color
2A8D84



Protanomaly
61837E



Deuteranomaly
658287



Tritanomaly
308B8F

Monochromacy



Original Color
2A8D84



Achromatopsia
6E6E6E



Achromatomaly
557976

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8D84 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 #2A8D84 looks like.

```
.text, #text, p{  
    color:#2A8D84  
}
```

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 #2A8D84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8D84
}
```

Border

The CSS property to change the border of an element to Hex 2A8D84 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
#2A8D84 }
```

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

```
.border{ border-color:#2A8D84 }
```

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

Here you see how a box with a 4 pixel #2A8D84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8D84; -webkit-box-shadow:4px 4px  
4px 4px #2A8D84; box-shadow:4px 4px 4px  
4px #2A8D84 }
```

Background

The CSS property to change the background color of an element to Hex 2A8D84 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8D84 }
```

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

```
.background{ background-color:#2A8D84 }
```

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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