

Converting Colors

Hex(2A8A89)

Have a look what the booklet for
Hex(2A8A89) contains.

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Color

Hex(2A8A89)

Conversions

Conversions Part 1

Format	Color
Hex	2A8A89
RGB	42, 138, 137
RGB Percent	16%, 54%, 54%
CMY	0.8353, 0.4588, 0.4627
CMYK	0.70, 0.00, 0.01, 0.46
HSL	179°, 53%, 35%
HSV	179°, 70%, 54%
XYZ	14.5587, 20.4753, 26.8517
YIQ	109.1820, -56.8950, -20.6630

Conversions

Conversions Part 2

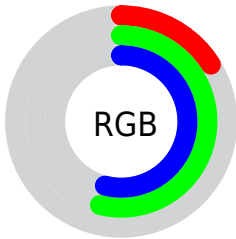
Format	Color
RYB	42, 90, 138
Decimal	2787977
CIELab	52.37, -27.18, -7.54
CIELCh	52, 28.202, 195.507
Yxy	20.4753, 0.2353, 0.3309
Android (android.graphics.Color)	4280978057 (0xFF2A8A89)
YUV	109.1820, 13.7143, -58.9186
Hunter-Lab	45.2497, -21.7562, -3.5086

Details

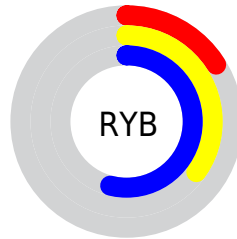
The Hex color **2A8A89** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8A2A2B**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **66C0BE**, and **005757** is the 20% darker color. If you saturate the color by 10%, you get **1C8A89**, and if you desaturate by 10%, it is **388A89**.

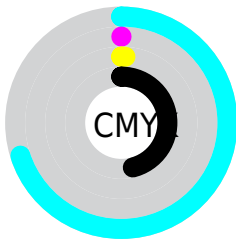
Distribution



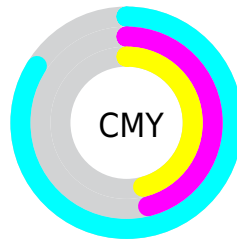
- Red (16%)
- Green (54%)
- Blue (54%)



- Red (16%)
- Yellow (35%)
- Blue (54%)



- Cyan (70%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (84%)
- Magenta (46%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8A89 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 2A8A89 by changing the saturation by 10% instead.



2A8A89



2A8A89

FFFFFF



007070



66C0BE



005757



83DCDA



004040



9FF9F7



00292A



BCFFFF



001016



D9FFFF



000000



F6FFFF



2A8A89



2A8A89



1C8A89



388A89

■ 0E8A89

■ 468A89

■ 018A89

■ 538A89

■ 008A89

■ 618A8A

■ 6F8A8A

■ 7D8A8A

■ 8B8A8A

■ 988A8A

■ A68A8A

Harmonies

Analogous

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



488970



2A8A89



26889F

Triad

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



2A8A89



90729F



98774E

Complementary

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



2A8A89



8A2A2B

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.



A76F5C



2A8A89



A56C8A

Square

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



2A8A89



6F7BAB



AD6B71



817F4E

Rectangle

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



2A8A89



3B85A8



AD6B71



9E7551

Sweetspot

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



2A8A89



8DB3B2



2C8A2A



435959



D9D9D9



595959

Same Dimension

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



2A8A89



1EB3B1



2A5C8A



3E4545



008583



000505

Inverse Universe

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



8A2A2B



B31E20



8A582A



453E3E



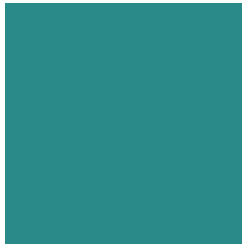
850001



050000

Previews

White Background



This preview shows how the Hex color 2A8A89 looks on a white background.

Color Contrast Check

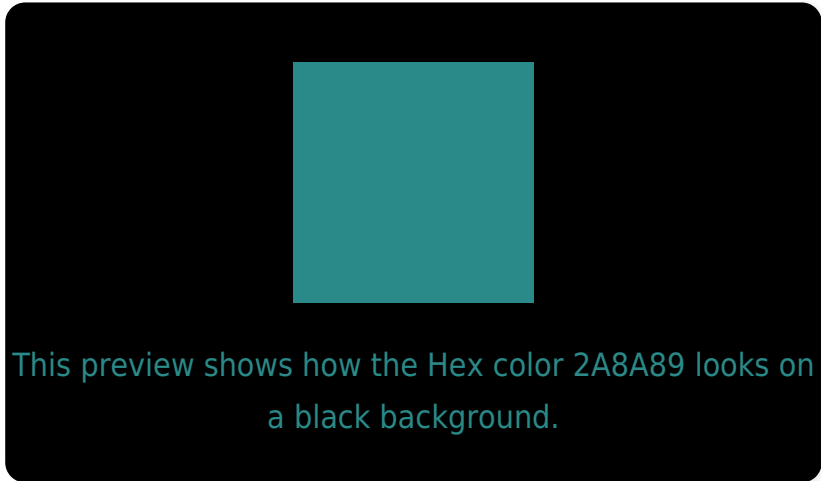
Large Text (above 18pt) WCAG AA ✓ Pass

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

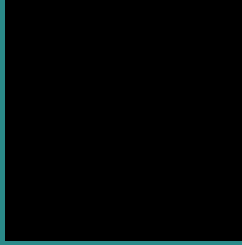
Any Text WCAG AA ✓ Pass

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 2A8A89 Background



This preview shows how black text looks on a background with the Hex color 2A8A89.

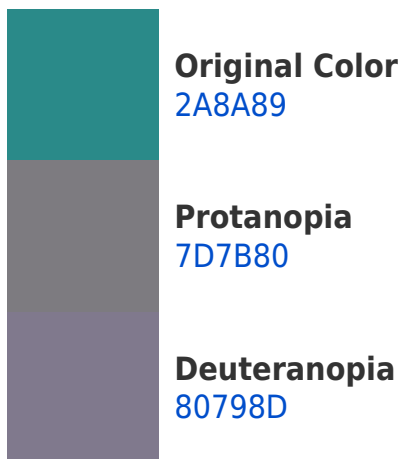


This preview shows how white text looks on a background with the Hex color 2A8A89.

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
308893

Trichromacy



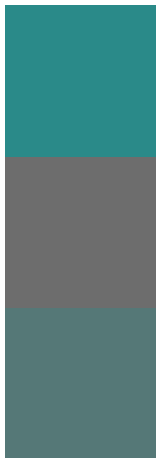
Original Color
2A8A89

Protanomaly
5F8083

Deuteranomaly
617F8C

Tritanomaly
2E898F

Monochromacy



Original Color
2A8A89

Achromatopsia
6D6D6D

Achromatomaly
557877

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8A89 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 #2A8A89 looks like.

```
.text, #text, p{  
    color:#2A8A89  
}
```

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 #2A8A89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8A89
}
```

Border

The CSS property to change the border of an element to Hex 2A8A89 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
#2A8A89 }
```

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

```
.border{ border-color:#2A8A89 }
```

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

Here you see how a box with a 4 pixel #2A8A89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8A89; -webkit-box-shadow:4px 4px  
4px 4px #2A8A89; box-shadow:4px 4px 4px  
4px #2A8A89 }
```

Background

The CSS property to change the background color of an element to Hex 2A8A89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8A89 }
```

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

```
.background{ background-color:#2A8A89 }
```

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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