

Converting Colors

Hex(2A8C88)

Have a look what the booklet for
Hex(2A8C88) contains.

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Color

Hex(2A8C88)

Conversions

Conversions Part 1

Format	Color
Hex	2A8C88
RGB	42, 140, 136
RGB Percent	16%, 55%, 53%
CMY	0.8353, 0.4510, 0.4667
CMYK	0.70, 0.00, 0.03, 0.45
HSL	178°, 54%, 36%
HSV	178°, 70%, 55%
XYZ	14.7769, 21.0260, 26.5721
YIQ	110.2420, -57.1240, -22.0200

Conversions

Conversions Part 2

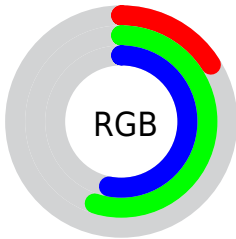
Format	Color
R_{YB}	42, 92, 140
Decimal	2788488
CIE _{Lab}	52.98, -28.46, -6.06
CIE _{LCh}	53, 29.101, 192.011
Yxy	21.0260, 0.2369, 0.3371
Android (android.graphics.Color)	4280978568 (0xFF2A8C88)
YUV	110.2420, 12.6987, -59.8482
Hunter-Lab	45.8541, -22.7216, -2.2603

Details

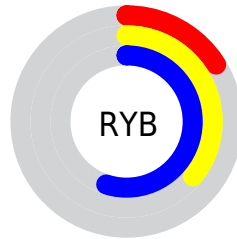
The Hex color **2A8C88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8C2A2E**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **66C2BD**, and **005956** is the 20% darker color. If you saturate the color by 10%, you get **1C8C87**, and if you desaturate by 10%, it is **388C89**.

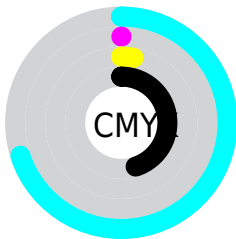
Distribution



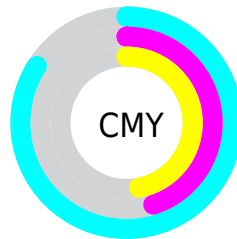
- Red (16%)
- Green (55%)
- Blue (53%)



- Red (16%)
- Yellow (36%)
- Blue (55%)



- Cyan (70%)
- Magenta (0%)
- Yellow (3%)
- Black (45%)



- Cyan (84%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8C88 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 2A8C88 by changing the saturation by 10% instead.



2A8C88



2A8C88

FFFFFF



00726F



66C2BD



005956



83DED9



00413F



9FFBF5



002B29



BCFFFF



001315



D9FFFF



000000



F7FFFF



2A8C88



2A8C88



1C8C87



388C89

0E8C87

468C89

008C86

548C8A

628C8A

708C8B

7E8C8B

8C8C8C

9A8C8D

A88C8D

Harmonies

Analogous

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



4B8B6E



2A8C88



1E8A9F

Triad

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



2A8C88



8E74A4



9C784F

Complementary

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



2A8C88



8C2A2E

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.



AB705E



2A8C88



A66D8F

Square

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



2A8C88



6B7DAF



AF6B75



85804D

Rectangle

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



2A8C88



3487AA



AF6B75



A27553

Sweetspot

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



2A8C88



8FB5B3



2F8C2A



455C5B



DBDBDB



5C5C5C

Same Dimension

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



2A8C88



1DB5AF



2A608C



3E4545



00857F



000505

Inverse Universe

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



8C2A2E



B51D23



8C562A



453E3E



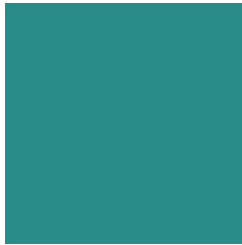
850005



050000

Previews

White Background



This preview shows how the Hex color 2A8C88 looks on a white background.

Color Contrast Check

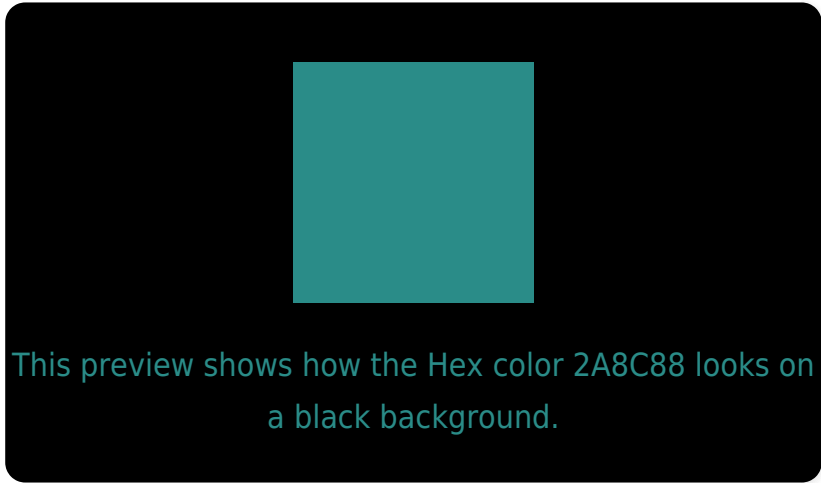
Large Text (above 18pt) WCAG AA ✓ Pass

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

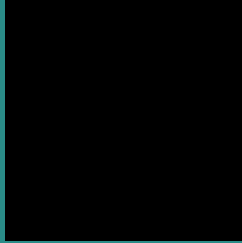
Any Text WCAG AA ✓ Pass

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 2A8C88 Background



This preview shows how black text looks on a background with the Hex color 2A8C88.

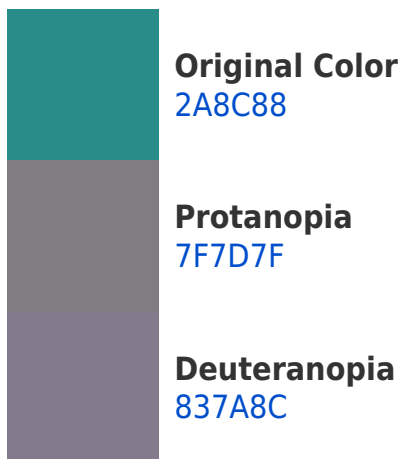


This preview shows how white text looks on a background with the Hex color 2A8C88.

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
328A95

Trichromacy



Original Color
2A8C88



Protanomaly
608282



Deuteranomaly
63818B



Tritanomaly
2F8B90

Monochromacy



Original Color
2A8C88



Achromatopsia
6E6E6E



Achromatomaly
557977

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8C88 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 #2A8C88 looks like.

```
.text, #text, p{  
    color:#2A8C88  
}
```

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 #2A8C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8C88
}
```

Border

The CSS property to change the border of an element to Hex 2A8C88 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
#2A8C88 }
```

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

```
.border{ border-color:#2A8C88 }
```

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

Here you see how a box with a 4 pixel #2A8C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8C88; -webkit-box-shadow:4px 4px  
4px 4px #2A8C88; box-shadow:4px 4px 4px  
4px #2A8C88 }
```

Background

The CSS property to change the background color of an element to Hex 2A8C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8C88 }
```

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

```
.background{ background-color:#2A8C88 }
```

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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