

Converting Colors

Hex(2B8C96)

Have a look what the booklet for
Hex(2B8C96) contains.

Hex(2B8C96)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B8C96)

Conversions

Conversions Part 1

Format	Color
Hex	2B8C96
RGB	43, 140, 150
RGB Percent	17%, 55%, 59%
CMY	0.8314, 0.4510, 0.4118
CMYK	0.71, 0.07, 0.00, 0.41
HSL	186°, 55%, 38%
HSV	186°, 71%, 59%
XYZ	15.8794, 21.4718, 32.1617
YIQ	112.1370, -61.0220, -17.4540

Conversions

Conversions Part 2

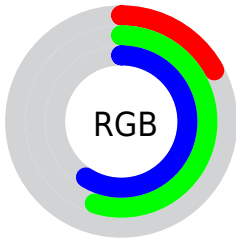
Format	Color
RYB	43, 94, 150
Decimal	2854038
CIELab	53.46, -24.02, -13.43
CIElCh	53, 27.524, 209.213
Yxy	21.4718, 0.2284, 0.3089
Android (android.graphics.Color)	4281044118 (0xFF2B8C96)
YUV	112.1370, 18.6665, -60.6331
Hunter-Lab	46.3376, -19.9210, -8.7152




Details

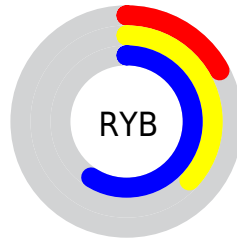
The Hex color **2B8C96** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96352B**, and the grayscale version is **707070**.




A 20% lighter version of the original color is **69C2CC**, and **005963** is the 20% darker color. If you saturate the color by 10%, you get **1C8B96**, and if you desaturate by 10%, it is **3A8D96**.

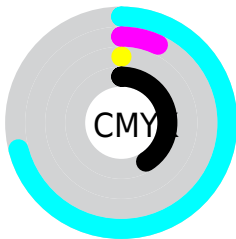
Distribution







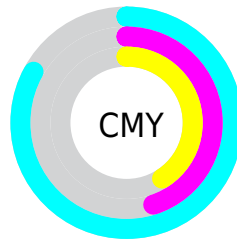
-  Red (17%)
-  Green (55%)
-  Blue (59%)






-  Red (17%)
-  Yellow (37%)
-  Blue (59%)



-  Cyan (71%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (41%)



-  Cyan (83%)
-  Magenta (45%)
-  Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8C96 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 2B8C96 by changing the saturation by 10% instead.

 2B8C96

 2B8C96

FFFFFF

 00727C

 69C2CC

 005963

 85DEE8

 00424B

 A2FBFF

 002B35

 BFFFFF

 001620

 DCFFFF

 000005

 FAFFFF

 000000

 2B8C96

 2B8C96

 1C8B96

 3A8D96

0D8996

498F96

008896

589096

679296

769396

859496

949696

A39796

B29996

Harmonies

Analogous

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



3F8D7E



2B8C96



3A89A8

Triad

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



2B8C96



9D7298



907E50

Complementary

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



2B8C96



96352B

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.



A47658



2B8C96



AC6E81

Square

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



2B8C96



827AA9



AE6F6A



788556

Rectangle

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



2B8C96



5185AE



AE6F6A



987B51

Sweetspot

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



2B8C96



99BEC2



2B9634



495F61



E0E0E0



616161

Same Dimension

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



2B8C96



1BB2C2



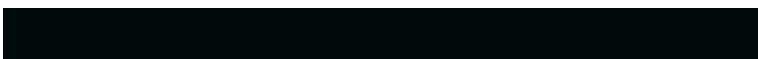
2B5896



43494A



007D8A



00090A

Inverse Universe

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



962B8C



C21BB2



96692B



4A4349



8A007D



0A0009

Previews

White Background



This preview shows how the Hex color 2B8C96 looks on a white background.

Color Contrast Check

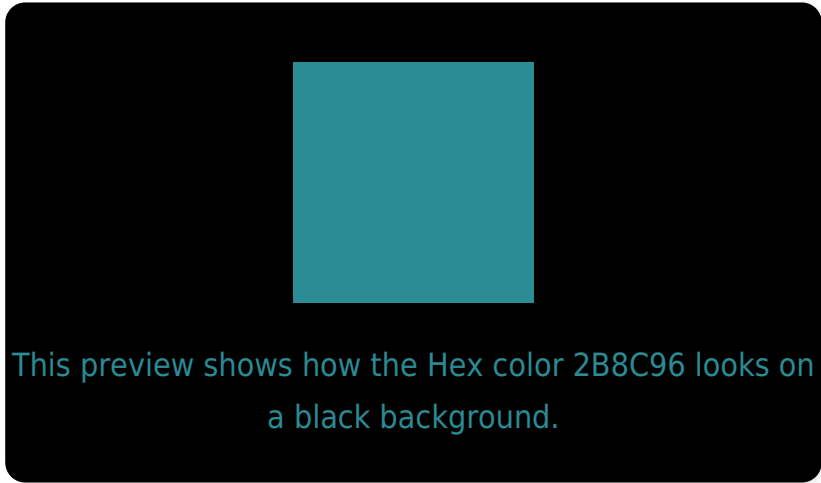
Large Text (above 18pt) WCAG AA ✓ Pass

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

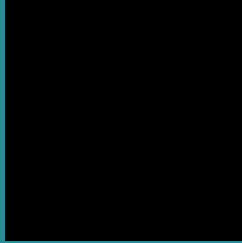
Any Text WCAG AA ✓ Pass

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 2B8C96 Background



This preview shows how black text looks on a background with the Hex color 2B8C96.

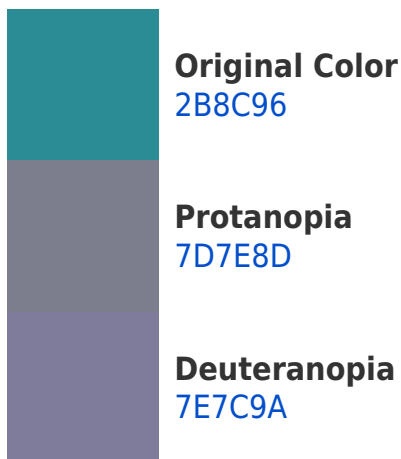


This preview shows how white text looks on a background with the Hex color 2B8C96.

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](#).

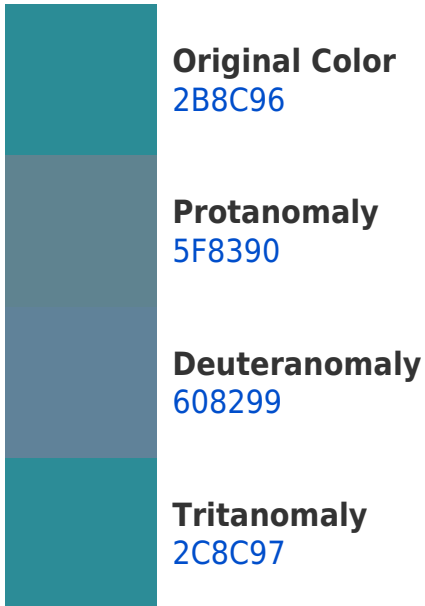
Dichromacy





Tritanopia
2C8C97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8C96 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 #2B8C96 looks like.

```
.text, #text, p{  
    color:#2B8C96  
}
```

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 #2B8C96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8C96
}
```

Border

The CSS property to change the border of an element to Hex 2B8C96 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
#2B8C96 }
```

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

```
.border{ border-color:#2B8C96 }
```

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

Here you see how a box with a 4 pixel #2B8C96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8C96; -webkit-box-shadow:4px 4px  
4px 4px #2B8C96; box-shadow:4px 4px 4px  
4px #2B8C96 }
```

Background

The CSS property to change the background color of an element to Hex 2B8C96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8C96 }
```

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

```
.background{ background-color:#2B8C96 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor