

Converting Colors

Hex(2B8C99)

Have a look what the booklet for
Hex(2B8C99) contains.

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Color

Hex(2B8C99)

Conversions

Conversions Part 1

Format	Color
Hex	2B8C99
RGB	43, 140, 153
RGB Percent	17%, 55%, 60%
CMY	0.8314, 0.4510, 0.4000
CMYK	0.72, 0.08, 0.00, 0.40
HSL	187°, 56%, 38%
HSV	187°, 72%, 60%
XYZ	16.1241, 21.5697, 33.4505
YIQ	112.4790, -61.9850, -16.5210

Conversions

Conversions Part 2

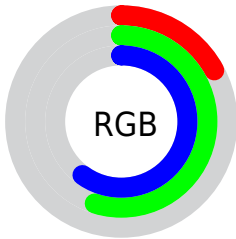
Format	Color
R_{YB}	43, 95, 153
Decimal	2854041
CIE _{Lab}	53.57, -23.07, -15.01
CIE _{LCh}	54, 27.522, 213.045
Yxy	21.5697, 0.2266, 0.3032
Android (android.graphics.Color)	4281044121 (0xFF2B8C99)
YUV	112.4790, 19.9769, -60.9331
Hunter-Lab	46.4432, -19.3040, -10.1932

Details

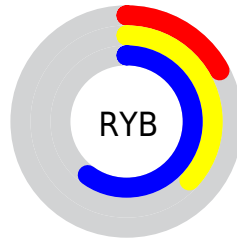
The Hex color **2B8C99** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **99382B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69C2CF**, and **005A66** is the 20% darker color. If you saturate the color by 10%, you get **1C8A99**, and if you desaturate by 10%, it is **3A8E99**.

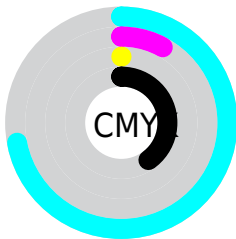
Distribution



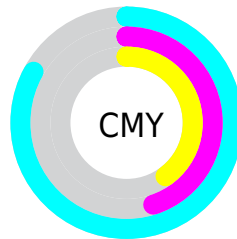
- Red (17%)
- Green (55%)
- Blue (60%)



- Red (17%)
- Yellow (37%)
- Blue (60%)



- Cyan (72%)
- Magenta (8%)
- Yellow (0%)
- Black (40%)



- Cyan (83%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B8C99 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 2B8C99 by changing the saturation by 10% instead.

 2B8C99

 2B8C99

FFFFFF

 00727F

 69C2CF

 005A66

 86DEEC

 00424E

 A2FBFF

 002B37

 BFFFFF

 001622

 DDFFFF

 00000A

 FAFFFF

 000000

 2B8C99

 2B8C99

 1C8A99

 3A8E99

0C8899

4A9099

008799

599199

689399

789599

879799

969999

A59A99

B59C99

Harmonies

Analogous

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



3C8D82



2B8C99



3E88AA

Triad

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



2B8C99



A07196



8E7F50

Complementary

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



2B8C99



99382B

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.



A27756



2B8C99



AD6E7E

Square

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



2B8C99



8679A8



AD7067



748658

Rectangle

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



2B8C99



5684AF



AD7067



957D51

Sweetspot

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



2B8C99



9BC2C7



2B9938



4A6063



E3E3E3



636363

Same Dimension

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



2B8C99



1CB3C7



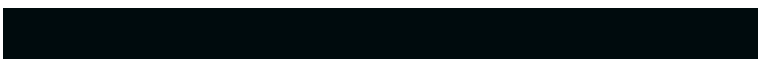
2B5599



454C4D



007C8C



000B0D

Inverse Universe

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



992B8C



C71CB3



996F2B



4D454C



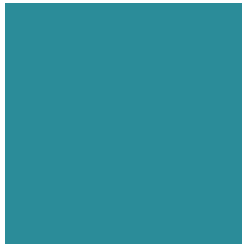
8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 2B8C99 looks on a white background.

Color Contrast Check

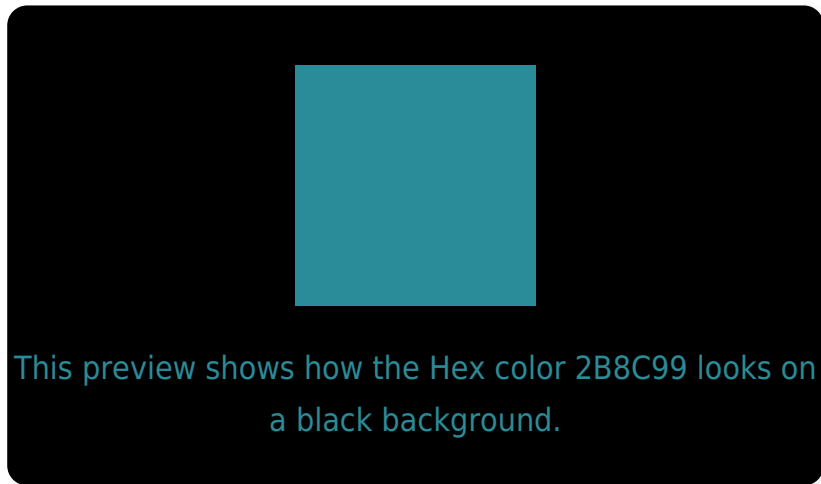
Large Text (above 18pt) WCAG AA ✓ Pass

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

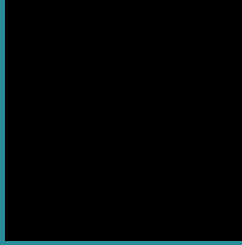
Any Text WCAG AA ✓ Pass

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 2B8C99 Background



This preview shows how black text looks on a background with the Hex color 2B8C99.

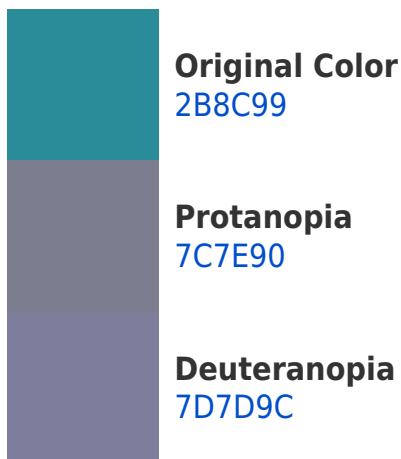


This preview shows how white text looks on a background with the Hex color 2B8C99.

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
2A8C98

Trichromacy



Original Color
2B8C99



Protanomaly
5F8393



Deuteranomaly
5F829B



Tritanomaly
2A8C98

Monochromacy



Original Color
2B8C99



Achromatopsia
707070



Achromatomaly
577A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8C99 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 #2B8C99 looks like.

```
.text, #text, p{  
    color:#2B8C99  
}
```

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 #2B8C99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8C99
}
```

Border

The CSS property to change the border of an element to Hex 2B8C99 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
#2B8C99 }
```

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

```
.border{ border-color:#2B8C99 }
```

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

Here you see how a box with a 4 pixel #2B8C99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8C99; -webkit-box-shadow:4px 4px  
4px 4px #2B8C99; box-shadow:4px 4px 4px  
4px #2B8C99 }
```

Background

The CSS property to change the background color of an element to Hex 2B8C99 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8C99 }
```

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

```
.background{ background-color:#2B8C99 }
```

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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