

# Converting Colors

Hex(2B8C92)

Have a look what the booklet for  
Hex(2B8C92) contains.

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# Color

Hex(2B8C92)

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8C92
RGB	43, 140, 146
RGB Percent	17%, 55%, 57%
CMY	0.8314, 0.4510, 0.4275
CMYK	0.71, 0.04, 0.00, 0.43
HSL	183°, 54%, 37%
HSV	183°, 71%, 57%
XYZ	15.5627, 21.3451, 30.4939
YIQ	111.6810, -59.7380, -18.6980

# Conversions

## Conversions Part 2

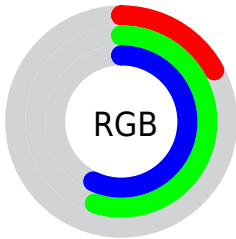
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 93, 146
Decimal	2854034
CIELab	53.33, -25.28, -11.33
CIELCh	53, 27.698, 204.136
Yxy	21.3451, 0.2309, 0.3167
Android (android.graphics.Color)	4281044114 (0xFF2B8C92)
YUV	111.6810, 16.9193, -60.2332
Hunter-Lab	46.2007, -20.7238, -6.7927

# Details

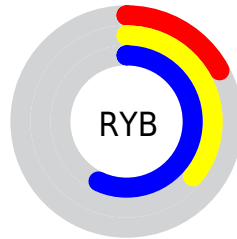
The Hex color **2B8C92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **92312B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **68C2C8**, and **005960** is the 20% darker color. If you saturate the color by 10%, you get **1C8B92**, and if you desaturate by 10%, it is **3A8D92**.

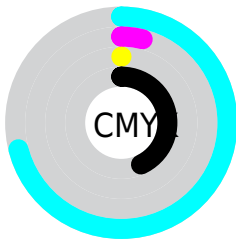
# Distribution



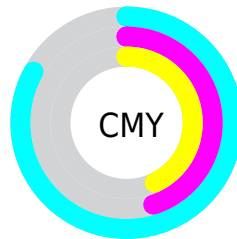
- Red (17%)
- Green (55%)
- Blue (57%)



- Red (17%)
- Yellow (36%)
- Blue (57%)



- Cyan (71%)
- Magenta (4%)
- Yellow (0%)
- Black (43%)



- Cyan (83%)
- Magenta (45%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8C92 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 2B8C92 by changing the saturation by 10% instead.



 2B8C92

 2B8C92

FFFFFF

 007278

 68C2C8

 005960

 85DEE4

 004248

 A1FBFF

 002B31

 BEFFFF

 00151D

 DBFFFF

 000000

 F9FFFF

 2B8C92

 2B8C92

 1C8B92

 3A8D92

■ 0E8A92

■ 488E92

■ 008992

■ 578F92

■ 658F92

■ 749092

■ 839192

■ 919292

■ A09392

■ AE9492

# Harmonies

## Analogous

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



438C7A



2B8C92



3489A5

# Triad

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



2B8C92



99739C



947C50

# Complementary

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



2B8C92



92312B

# 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.



A6745A



2B8C92



AA6E85

# Square

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



2B8C92



7C7BAB



AE6E6D



7C8453

# Rectangle

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



2B8C92



4A85AD



AE6E6D



9B7A52



# Sweetspot

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



2B8C92



95BABD



2B9230



475D5E



DEDEDE



5E5E5E



# Same Dimension

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



2B8C92



1CB3BD



2B5992



434A4A



00828A



000A0A



# Inverse Universe

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



922B8C



BD1CB3



92642B



4A434A



8A0082



0A000A



# Previews

## White Background



This preview shows how the Hex color 2B8C92 looks on a white background.

## Color Contrast Check

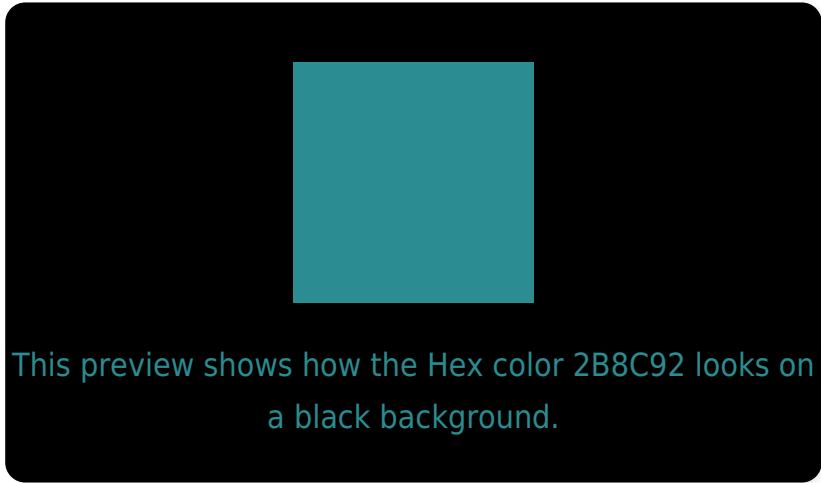
Large Text (above 18pt) WCAG AA ✓ Pass

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

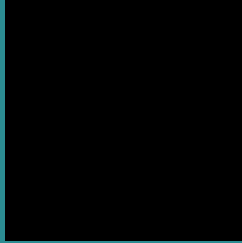
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B8C92 Background



This preview shows how black text looks on a background with the Hex color 2B8C92.

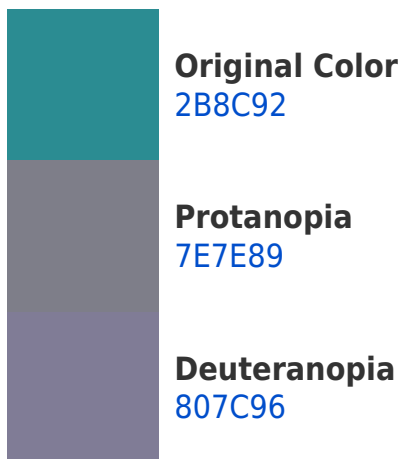


This preview shows how white text looks on a background with the Hex color 2B8C92.

# 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**  
2E8B97

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8C92 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 #2B8C92 looks like.

```
.text, #text, p{  
    color:#2B8C92  
}
```

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 #2B8C92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8C92
}
```

## Border

The CSS property to change the border of an element to Hex 2B8C92 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
#2B8C92 }
```

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

```
.border{ border-color:#2B8C92 }
```

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

Here you see how a box with a 4 pixel #2B8C92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8C92; -webkit-box-shadow:4px 4px  
4px 4px #2B8C92; box-shadow:4px 4px 4px  
4px #2B8C92 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8C92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8C92 }
```

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

```
.background{ background-color:#2B8C92 }
```

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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