

# Converting Colors

Hex(2B8093)

Have a look what the booklet for  
Hex(2B8093) contains.

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**Color**

**Hex(2B8093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B8093
RGB	43, 128, 147
RGB Percent	17%, 50%, 58%
CMY	0.8314, 0.4980, 0.4235
CMYK	0.71, 0.13, 0.00, 0.42
HSL	191°, 55%, 37%
HSV	191°, 71%, 58%
XYZ	13.9819, 18.0585, 30.3525
YIQ	104.7510, -56.7590, -12.1110

# Conversions

## Conversions Part 2

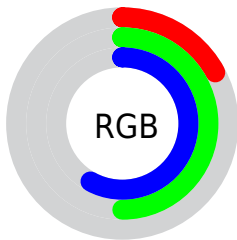
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	43, 90, 147
Decimal	2850963
CIE <sub>Lab</sub>	49.57, -18.67, -17.60
CIE <sub>LCh</sub>	50, 25.661, 223.312
Yxy	18.0585, 0.2241, 0.2894
Android (android.graphics.Color)	4281041043 (0xFF2B8093)
YUV	104.7510, 20.8288, -54.1556
Hunter-Lab	42.4953, -15.6364, -12.6014

# Details

The Hex color **2B8093** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **933E2B**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **67B5C9**, and **004F60** is the 20% darker color. If you saturate the color by 10%, you get **1C7D93**, and if you desaturate by 10%, it is **3A8393**.

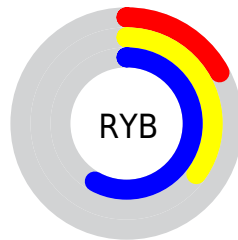
# Distribution



Red (17%)

Green (50%)

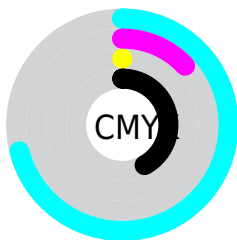
Blue (58%)



Red (17%)

Yellow (35%)

Blue (58%)

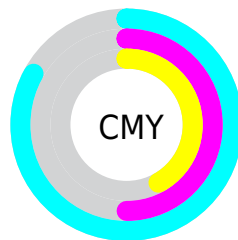


Cyan (71%)

Magenta (13%)

Yellow (0%)

Black (42%)



Cyan (83%)

Magenta (50%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B8093 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 2B8093 by changing the saturation by 10% instead.



 2B8093

 2B8093

FFFFFF

 006779

 67B5C9

 004F60

 83D1E5

 003749

 9FEDFF

 002232

 BCFFFF

 00021D

 D9FFFF

 000000

 F7FFFF

 2B8093

 2B8093

 1C7D93

 3A8393

■ 0E7B93

■ 488593

■ 007893

■ 578893

■ 668B93

■ 748D93

■ 839093

■ 929393

■ A19593

■ AF9893

# Harmonies

## Analogous

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



30827F



2B8093



457C9F

# Triad

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



2B8093



996783



7B784B

# Complementary

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



2B8093



933E2B

# 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.



8F704C



2B8093



A1656D

# Square

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



2B8093



856D96



9D6959



637D56

# Rectangle

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



2B8093



5C77A1



9D6959



82754A



# Sweetspot

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



2B8093



97B8BF



2B933C



495C61



E0E0E0



616161



# Same Dimension

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



2B8093



1DA2BF



2B4E93



43494A



00718A



00080A



# Inverse Universe

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



932B80



BF1DA2



93702B



4A4349



8A0071



0A0008



# Previews

## White Background



This preview shows how the Hex color 2B8093 looks on a white background.

## Color Contrast Check

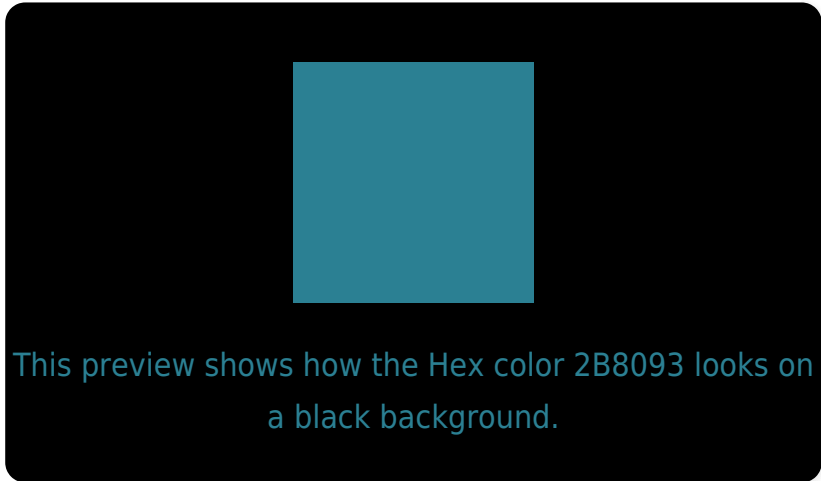
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

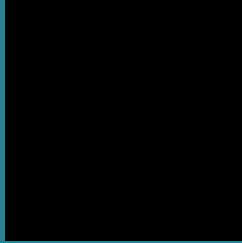
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2B8093 Background



This preview shows how black text looks on a background with the Hex color 2B8093.

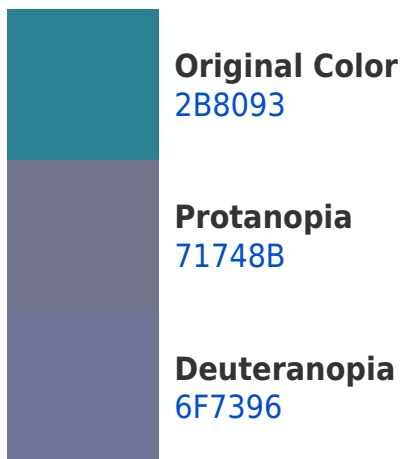


This preview shows how white text looks on a background with the Hex color 2B8093.

# 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](#).

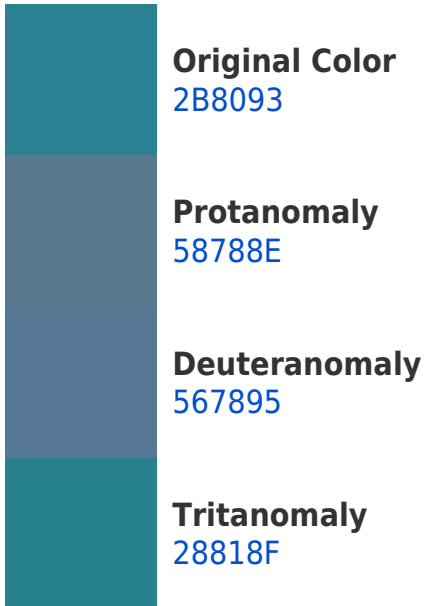
## Dichromacy



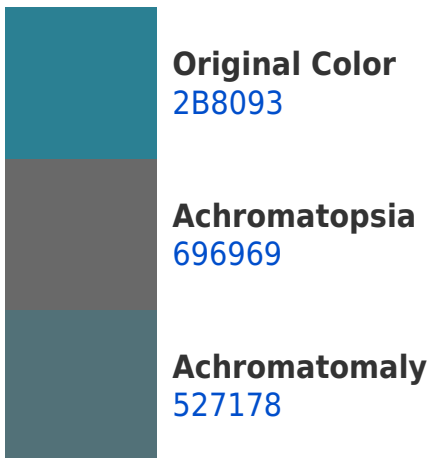


**Tritanopia**  
26818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B8093 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 #2B8093 looks like.

```
.text, #text, p{  
    color:#2B8093  
}
```

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 #2B8093 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8093
}
```

## Border

The CSS property to change the border of an element to Hex 2B8093 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
#2B8093 }
```

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

```
.border{ border-color:#2B8093 }
```

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

Here you see how a box with a 4 pixel #2B8093 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8093; -webkit-box-shadow:4px 4px  
4px 4px #2B8093; box-shadow:4px 4px 4px  
4px #2B8093 }
```

# Background

The CSS property to change the background color of an element to Hex 2B8093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8093 }
```

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

```
.background{ background-color:#2B8093 }
```

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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