

# Converting Colors

Hex(2B7D8D)

Have a look what the booklet for  
Hex(2B7D8D) contains.

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# Color

**Hex(2B7D8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B7D8D
RGB	43, 125, 141
RGB Percent	17%, 49%, 55%
CMY	0.8314, 0.5098, 0.4471
CMYK	0.70, 0.11, 0.00, 0.45
HSL	190°, 53%, 36%
HSV	190°, 70%, 55%
XYZ	13.1376, 17.1039, 27.8083
YIQ	102.3060, -54.0080, -12.4080

# Conversions

## Conversions Part 2

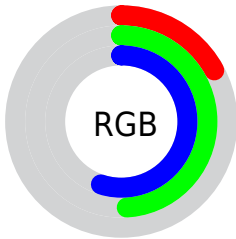
Format	Color
R <sub>Y</sub> B	43, 88, 141
Decimal	2850189
CIE Lab	48.39, -19.03, -15.87
CIE LCh	48, 24.778, 219.840
Yxy	17.1039, 0.2263, 0.2946
Android (android.graphics.Color)	4281040269 (0xFF2B7D8D)
YUV	102.3060, 19.0761, -52.0114
Hunter-Lab	41.3569, -15.6715, -10.9166

# Details

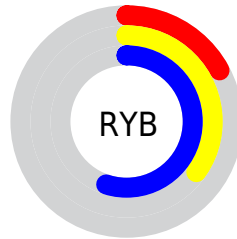
The Hex color **2B7D8D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8D3B2B**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66B2C3**, and **004C5B** is the 20% darker color. If you saturate the color by 10%, you get **1D7B8D**, and if you desaturate by 10%, it is **397F8D**.

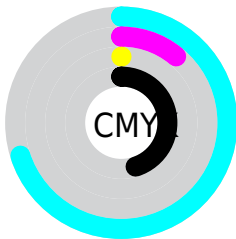
# Distribution



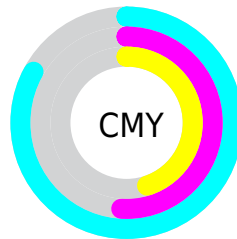
- Red (17%)
- Green (49%)
- Blue (55%)



- Red (17%)
- Yellow (35%)
- Blue (55%)



- Cyan (70%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



- Cyan (83%)
- Magenta (51%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B7D8D 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 2B7D8D by changing the saturation by 10% instead.



 2B7D8D

 2B7D8D

FFFFFF

 006473

 66B2C3

 004C5B

 82CDDF

 003543

 9EEAFB

 00202D

 BBFFFF

 000119

 D7FFFF

 000000

 F5FFFF

 2B7D8D

 2B7D8D

 1D7B8D

 397F8D

0F788D

47828D

01768D

55848D

00768D

63868D

72898D

808B8D

8E8D8D

9C8F8D

AA928D

# Harmonies

## Analogous

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



337E79



2B7D8D



41799A

# Triad

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



2B7D8D



936582



7A7449

# Complementary

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



2B7D8D



8D3B2B

# 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.



8D6D4C



2B7D8D



9C636D

# Square

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



2B7D8D



7E6B93



9A6659



637A52

# Rectangle

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



2B7D8D



56759C



9A6659



817249



# Sweetspot

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



2B7D8D



91B1B8



2B8D3A



45585C



DBDBDB



5C5C5C



# Same Dimension

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



2B7D8D



1F9FB8



2B4D8D



404647



007187



000608



# Inverse Universe

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



8D2B7D



B81F9F



8D6B2B



474046



870071

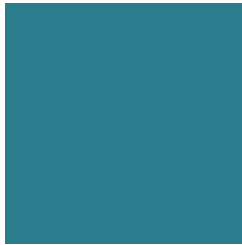


080006



# Previews

## White Background



This preview shows how the Hex color 2B7D8D 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



This preview shows how the Hex color 2B7D8D looks on a black 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

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



## Hex 2B7D8D Background



This preview shows how black text looks on a background with the Hex color 2B7D8D.

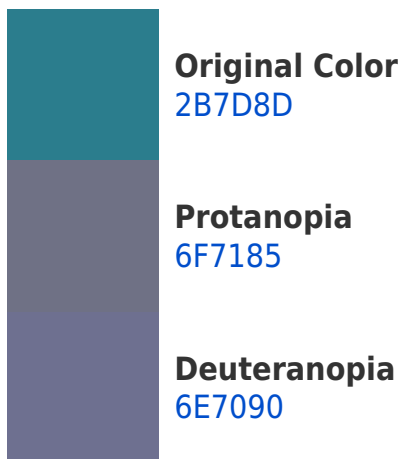


This preview shows how white text looks on a background with the Hex color 2B7D8D.

# 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**  
287E88

# Trichromacy



**Original Color**  
2B7D8D

**Protanomaly**  
567588

**Deuteranomaly**  
56758F

**Tritanomaly**  
297E8A

# Monochromacy



**Original Color**  
2B7D8D

**Achromatopsia**  
666666

**Achromatomaly**  
516E74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B7D8D 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 #2B7D8D looks like.

```
.text, #text, p{  
    color:#2B7D8D  
}
```

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 #2B7D8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7D8D
}
```

## Border

The CSS property to change the border of an element to Hex 2B7D8D 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
#2B7D8D }
```

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

```
.border{ border-color:#2B7D8D }
```

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

Here you see how a box with a 4 pixel #2B7D8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7D8D; -webkit-box-shadow:4px 4px  
4px 4px #2B7D8D; box-shadow:4px 4px 4px  
4px #2B7D8D }
```

# Background

The CSS property to change the background color of an element to Hex 2B7D8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7D8D }
```

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

```
.background{ background-color:#2B7D8D }
```

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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