

# Converting Colors

Hex(2B7D94)

Have a look what the booklet for  
Hex(2B7D94) contains.

<b>Hex(2B7D94)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(2B7D94)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B7D94
RGB	43, 125, 148
RGB Percent	17%, 49%, 58%
CMY	0.8314, 0.5098, 0.4196
CMYK	0.71, 0.16, 0.00, 0.42
HSL	193°, 55%, 37%
HSV	193°, 71%, 58%
XYZ	13.6752, 17.3189, 30.6391
YIQ	103.1040, -56.2550, -10.2310

# Conversions

## Conversions Part 2

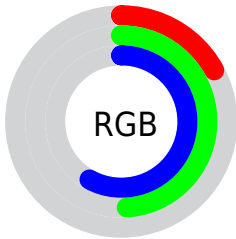
Format	Color
<b>RYB</b>	43, 89, 148
Decimal	2850196
CIELab	48.66, -16.70, -19.58
CIElCh	49, 25.736, 229.528
Yxy	17.3189, 0.2219, 0.2810
Android (android.graphics.Color)	4281040276 (0xFF2B7D94)
YUV	103.1040, 22.1337, -52.7112
Hunter-Lab	41.6160, -14.1723, -14.5200

# Details

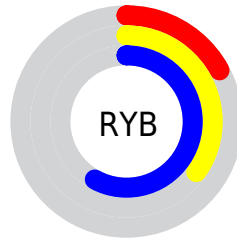
The Hex color **2B7D94** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **94422B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **67B2CA**, and **004C61** is the 20% darker color. If you saturate the color by 10%, you get **1C7A94**, and if you desaturate by 10%, it is **3A8094**.

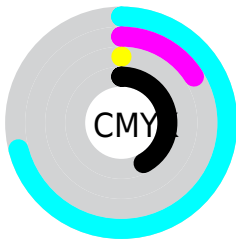
# Distribution



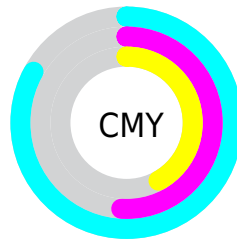
- Red (17%)
- Green (49%)
- Blue (58%)



- Red (17%)
- Yellow (35%)
- Blue (58%)



- Cyan (71%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (83%)
- Magenta (51%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B7D94 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 2B7D94 by changing the saturation by 10% instead.



■ 2B7D94

■ 2B7D94

FFFFFF

■ 00647A

■ 67B2CA

■ 004C61

■ 83CDE6

■ 003549

■ 9FEAFF

■ 002033

■ BCFFFF

■ 00021E

■ D9FFFF

■ 000000

■ F7FFFF

■ 2B7D94

■ 2B7D94

■ 1C7A94

■ 3A8094

0D7794

498394

007494

578794

668A94

758D94

849094

939494

A19794

B09A94

# Harmonies

## Analogous

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



297F81



2B7D94



49789E

# Triad

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



2B7D94



99647C



74774A

# Complementary

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



2B7D94



94422B

# 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.



897049



2B7D94



9F6466

# Square

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



2B7D94



886990



996853



5B7C57

# Rectangle

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



2B7D94



60739E



996853



7B7448



# Sweetspot

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



2B7D94



97B6BF



2B9442



495C61



E0E0E0



616161



# Same Dimension

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



2B7D94



1D9CBF



2B4994



43484A



006C8A



00080A



# Inverse Universe

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



942B7D



BF1D9C



94762B



4A4348



8A006C



0A0008



# Previews

## White Background



This preview shows how the Hex color 2B7D94 looks on a white background.

## Color Contrast Check

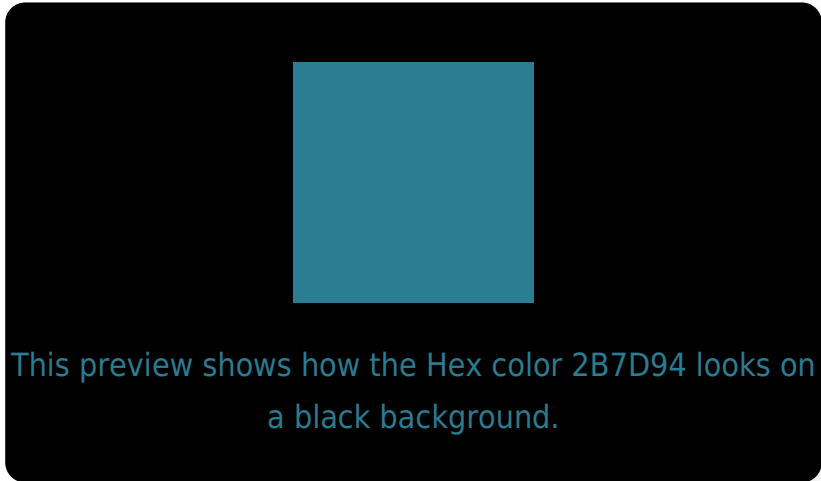
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

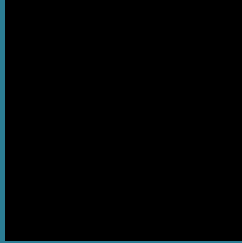
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2B7D94 Background



This preview shows how black text looks on a background with the Hex color 2B7D94.

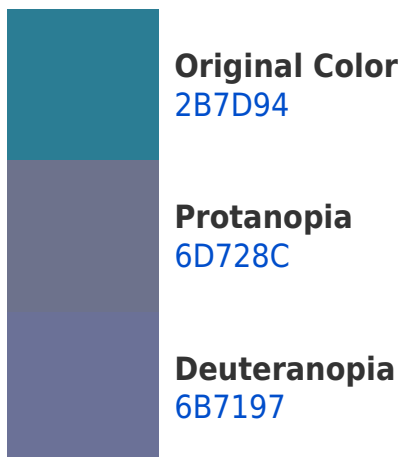


This preview shows how white text looks on a background with the Hex color 2B7D94.

# 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](#).

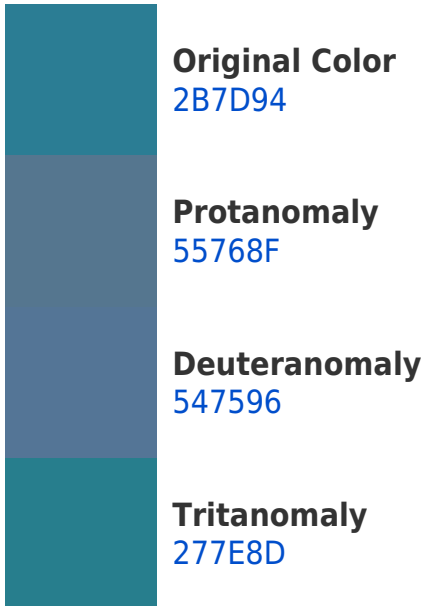
## Dichromacy





**Tritanopia**  
247F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B7D94 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 #2B7D94 looks like.

```
.text, #text, p{  
    color:#2B7D94  
}
```

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 #2B7D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B7D94
}
```

## Border

The CSS property to change the border of an element to Hex 2B7D94 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
#2B7D94 }
```

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

```
.border{ border-color:#2B7D94 }
```

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

Here you see how a box with a 4 pixel #2B7D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B7D94; -webkit-box-shadow:4px 4px  
4px 4px #2B7D94; box-shadow:4px 4px 4px  
4px #2B7D94 }
```

# Background

The CSS property to change the background color of an element to Hex 2B7D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B7D94 }
```

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

```
.background{ background-color:#2B7D94 }
```

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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