

# Converting Colors

Hex(2C7D9A)

Have a look what the booklet for  
Hex(2C7D9A) contains.

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# Color

Hex(2C7D9A)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C7D9A
RGB	44, 125, 154
RGB Percent	17%, 49%, 60%
CMY	0.8275, 0.5098, 0.3961
CMYK	0.71, 0.19, 0.00, 0.40
HSL	196°, 56%, 39%
HSV	196°, 71%, 60%
XYZ	14.2051, 17.5358, 33.2079
YIQ	104.0870, -57.5850, -8.1530

# Conversions

## Conversions Part 2

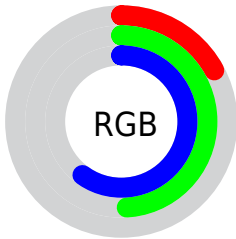
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 91, 154
Decimal	2915738
CIE <sub>Lab</sub>	48.93, -14.52, -22.68
CIE <sub>LCh</sub>	49, 26.930, 237.369
Yxy	17.5358, 0.2187, 0.2700
Android (android.graphics.Color)	4281105818 (0xFF2C7D9A)
YUV	104.0870, 24.6071, -52.6963
Hunter-Lab	41.8758, -12.7320, -17.7045

# Details

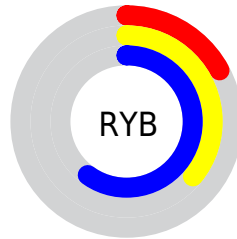
The Hex color **2C7D9A** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **9A492C**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **68B2D0**, and **004C67** is the 20% darker color. If you saturate the color by 10%, you get **1D799A**, and if you desaturate by 10%, it is **3B819A**.

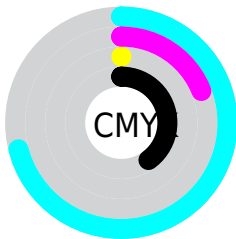
# Distribution



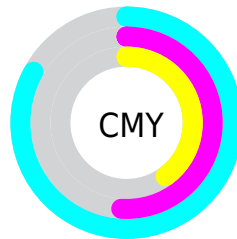
- Red (17%)
- Green (49%)
- Blue (60%)



- Red (17%)
- Yellow (36%)
- Blue (60%)



- Cyan (71%)
- Magenta (19%)
- Yellow (0%)
- Black (40%)



- Cyan (83%)
- Magenta (51%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7D9A 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 2C7D9A by changing the saturation by 10% instead.



■ 2C7D9A

■ 2C7D9A

FFFFFF

■ 006480

■ 68B2D0

■ 004C67

■ 85CDED

■ 00354F

■ A1E9FF

■ 002038

■ BEFFFF

■ 000222

■ DBFFFF

■ 000009

■ F9FFFF

■ 000000

■ 2C7D9A

■ 2C7D9A

■ 1D799A

■ 3B819A

0D759A

4B859A

00719A

5A899A

6A8D9A

79919A

88959A

98999A

A79D9A

B7A29A

# Harmonies

## Analogous

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



1E8088



2C7D9A



5177A1

# Triad

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



2C7D9A



9E6377



6E794B

# Complementary

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



2C7D9A



9A492C

# 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.



857246



2C7D9A



A16460

# Square

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



2C7D9A



8F678D



976A4F



537E5B

# Rectangle

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



2C7D9A



6972A0



976A4F



767748



# Sweetspot

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



2C7D9A



9FBEC9



2C9A48



4D5F66



E6E6E6



666666



# Same Dimension

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



2C7D9A



1C9CC9



2C489A



454A4D



00678C



00090D



# Inverse Universe

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



9A2C7D



C91C9C



9A7E2C



4D454A



8C0067



0D0009



# Previews

## White Background



This preview shows how the Hex color 2C7D9A looks on a white background.

## Color Contrast Check

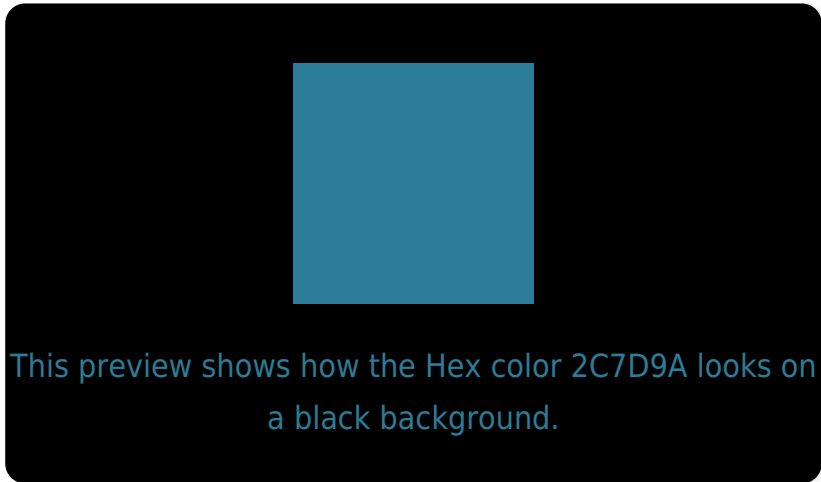
Large Text (above 18pt) WCAG AA ✓ Pass

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

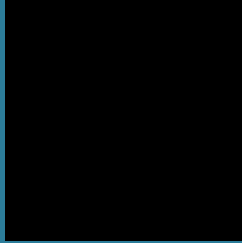
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 2C7D9A Background



This preview shows how black text looks on a background with the Hex color 2C7D9A.



This preview shows how white text looks on a background with the Hex color 2C7D9A.

# 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](#).

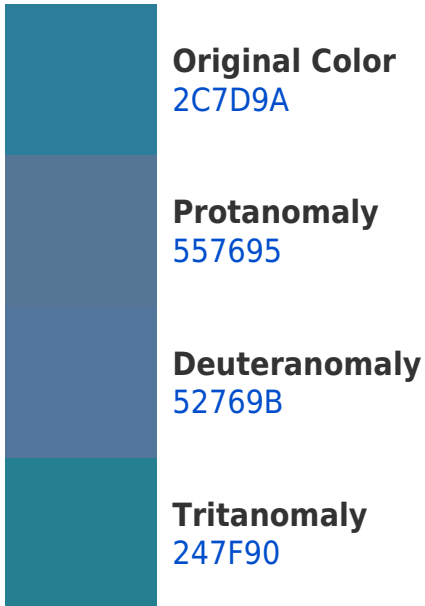
## Dichromacy





**Tritanopia**  
20808A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7D9A 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 #2C7D9A looks like.

```
.text, #text, p{  
    color:#2C7D9A  
}
```

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 #2C7D9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7D9A
}
```

## Border

The CSS property to change the border of an element to Hex 2C7D9A 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
#2C7D9A }
```

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

```
.border{ border-color:#2C7D9A }
```

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

Here you see how a box with a 4 pixel #2C7D9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7D9A; -webkit-box-shadow:4px 4px  
4px 4px #2C7D9A; box-shadow:4px 4px 4px  
4px #2C7D9A }
```

# Background

The CSS property to change the background color of an element to Hex 2C7D9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7D9A }
```

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

```
.background{ background-color:#2C7D9A }
```

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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