

# Converting Colors

Hex(2C7C8B)

Have a look what the booklet for  
Hex(2C7C8B) contains.

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# Color

Hex(2C7C8B)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C7C8B
RGB	44, 124, 139
RGB Percent	17%, 49%, 55%
CMY	0.8275, 0.5137, 0.4549
CMYK	0.68, 0.11, 0.00, 0.45
HSL	189°, 52%, 36%
HSV	189°, 68%, 55%
XYZ	12.9066, 16.8149, 26.9914
YIQ	101.7900, -52.4950, -12.2950

# Conversions

## Conversions Part 2

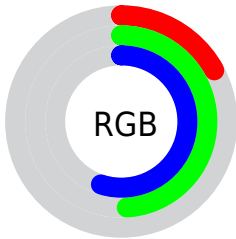
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 87, 139
Decimal	2915467
CIE <sub>Lab</sub>	48.03, -18.98, -15.25
CIE <sub>LCh</sub>	48, 24.344, 218.781
Yxy	16.8149, 0.2276, 0.2965
Android (android.graphics.Color)	4281105547 (0xFF2C7C8B)
YUV	101.7900, 18.3445, -50.6818
Hunter-Lab	41.0059, -15.5777, -10.3225

# Details

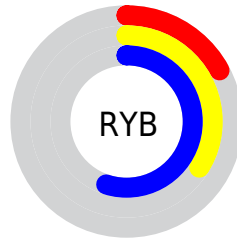
The Hex color **2C7C8B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B3B2C**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **66B1C0**, and **004B59** is the 20% darker color. If you saturate the color by 10%, you get **1E7A8B**, and if you desaturate by 10%, it is **3A7E8B**.

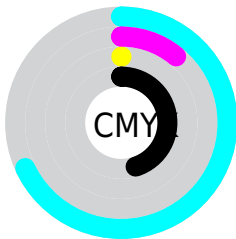
# Distribution



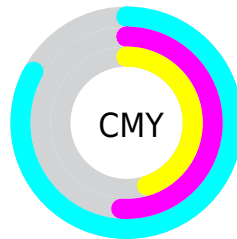
- Red (17%)
- Green (49%)
- Blue (55%)



- Red (17%)
- Yellow (34%)
- Blue (55%)



- Cyan (68%)
- Magenta (11%)
- Yellow (0%)
- Black (45%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C7C8B 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 2C7C8B by changing the saturation by 10% instead.



 2C7C8B

 2C7C8B

FFFFFF

 006372

 66B1C0

 004B59

 82CCDC

 003442

 9EE9F9

 001F2B

 BBFFFF

 000117

 D7FFFF

 000000

 F5FFFF

 2C7C8B

 2C7C8B

 1E7A8B

 3A7E8B

10788B

48808B

02758B

56838B

00758B

64858B

72878B

7F898B

8D8B8B

9B8E8B

A9908B

# Harmonies

## Analogous

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



347D78



2C7C8B



407898

# Triad

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



2C7C8B



916481



7A7349

# Complementary

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



2C7C8B



8B3B2C

# 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.



8D6C4C



2C7C8B



9A626D

# Square

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



2C7C8B



7C6B92



986559



647851

# Rectangle

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



2C7C8B



55749B



986559



817049



# Sweetspot

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



2C7C8B



8FAFB5



2C8B3A



45585C



DBDBDB



5C5C5C



# Same Dimension

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



2C7C8B



219EB5



2C4D8B



3E4445



007085



000405



# Inverse Universe

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



8B2C7C



B5219E



8B6A2C



453E44



850070



050004



# Previews

## White Background



This preview shows how the Hex color 2C7C8B looks on a white background.

## Color Contrast Check

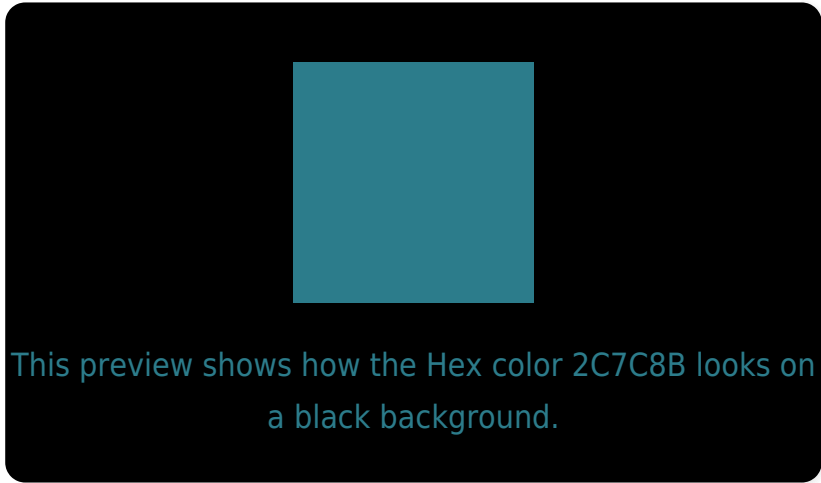
Large Text (above 18pt) WCAG AA ✓ Pass

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

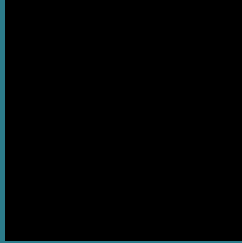
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C7C8B Background



This preview shows how black text looks on a background with the Hex color 2C7C8B.



This preview shows how white text looks on a background with the Hex color 2C7C8B.

# 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**  
2A7D87

# Trichromacy



**Original Color**  
2C7C8B

**Protanomaly**  
567486

**Deuteranomaly**  
56748D

**Tritanomaly**  
2B7D88

# Monochromacy



**Original Color**  
2C7C8B

**Achromatopsia**  
666666

**Achromatomaly**  
516E73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C7C8B 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 #2C7C8B looks like.

```
.text, #text, p{  
    color:#2C7C8B  
}
```

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 #2C7C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7C8B
}
```

## Border

The CSS property to change the border of an element to Hex 2C7C8B 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
#2C7C8B }
```

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

```
.border{ border-color:#2C7C8B }
```

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

Here you see how a box with a 4 pixel #2C7C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7C8B; -webkit-box-shadow:4px 4px  
4px 4px #2C7C8B; box-shadow:4px 4px 4px  
4px #2C7C8B }
```

# Background

The CSS property to change the background color of an element to Hex 2C7C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7C8B }
```

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

```
.background{ background-color:#2C7C8B }
```

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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