

Converting Colors

Hex(2C759B)

Have a look what the booklet for
Hex(2C759B) contains.

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Color

Hex(2C759B)

Conversions

Conversions Part 1

Format	Color
Hex	2C759B
RGB	44, 117, 155
RGB Percent	17%, 46%, 61%
CMY	0.8275, 0.5412, 0.3922
CMYK	0.72, 0.25, 0.00, 0.39
HSL	201°, 56%, 39%
HSV	201°, 72%, 61%
XYZ	13.3164, 15.6246, 33.3243
YIQ	99.5050, -55.7060, -3.6580

Conversions

Conversions Part 2

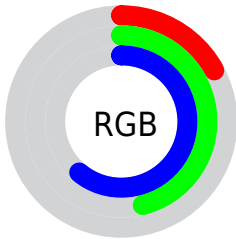
Format	Color
R_{YB}	44, 88, 155
Decimal	2913691
CIE _{Lab}	46.48, -9.61, -27.06
CIE _{LCh}	46, 28.718, 250.442
Yxy	15.6246, 0.2139, 0.2509
Android (android.graphics.Color)	4281103771 (0xFF2C759B)
YUV	99.5050, 27.3590, -48.6779
Hunter-Lab	39.5280, -9.0400, -22.3153

Details

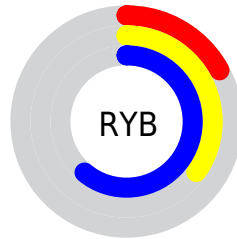
The Hex color **2C759B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B522C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **68A9D2**, and **004568** is the 20% darker color. If you saturate the color by 10%, you get **1D709B**, and if you desaturate by 10%, it is **3C7A9B**.

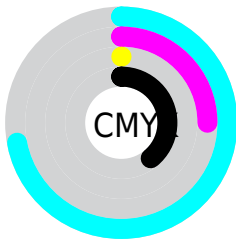
Distribution



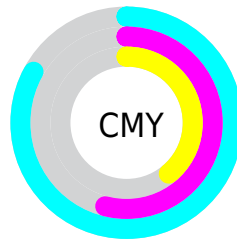
- Red (17%)
- Green (46%)
- Blue (61%)



- Red (17%)
- Yellow (35%)
- Blue (61%)



- Cyan (72%)
- Magenta (25%)
- Yellow (0%)
- Black (39%)



- Cyan (83%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C759B 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 2C759B by changing the saturation by 10% instead.

■ 2C759B

■ 2C759B

FFFFFF

■ 005C81

■ 68A9D2

■ 004568

■ 84C4EE

■ 002F4F

■ A1E0FF

■ 001B38

■ BDFDFF

■ 000223

■ DAFFFF

■ 000009

■ F8FFFF

■ 000000

■ 2C759B

■ 2C759B

■ 1D709B

■ 3C7A9B

0D6A9B

4B809B

00669B

5B859B

6A8A9B

7A909B

89959B

999A9B

A89F9B

B7A59B

Harmonies

Analogous

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



00798D



2C759B



596E9D

Triad

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



2C759B



9D5B67



5B7649

Complementary

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



2C759B



9B522C

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.



766F3E



2C759B



995F50

Square

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



2C759B



935D7F



8B6741



3D7A5D

Rectangle

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



2C759B



716898



8B6741



647444

Sweetspot

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



2C759B



9FBBC9



2C9B51



4D5D66



E6E6E6



666666

Same Dimension

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



2C759B



1C8EC9



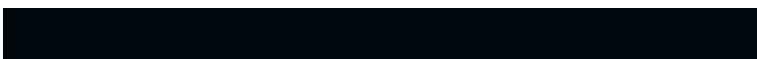
2C3F9B



454A4D



005C8C



00080D

Inverse Universe

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



9B2C75



C91C8E



9B892C



4D454A



8C005C



0D0008

Previews

White Background



This preview shows how the Hex color 2C759B looks on a white background.

Color Contrast Check

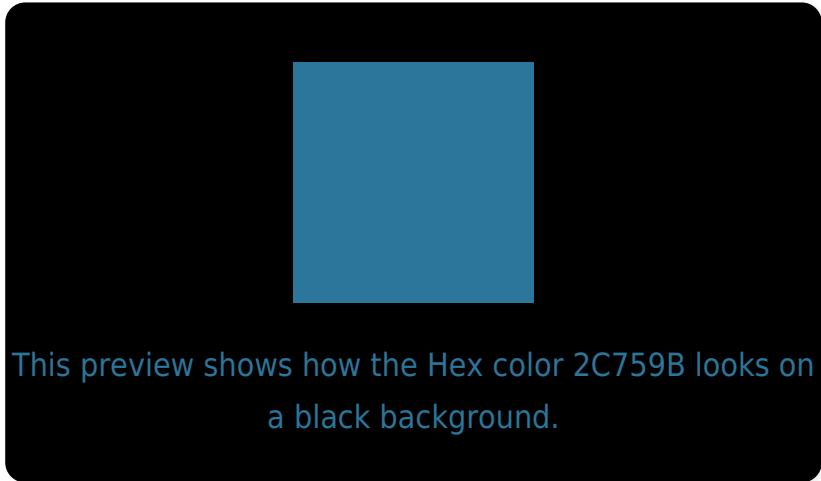
Large Text (above 18pt) WCAG AA ✓ Pass

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

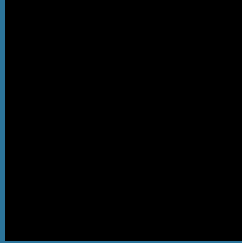
Any Text WCAG AA × Fail

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 2C759B Background



This preview shows how black text looks on a background with the Hex color 2C759B.

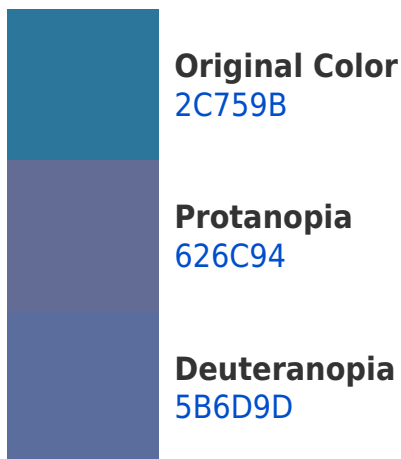


This preview shows how white text looks on a background with the Hex color 2C759B.

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](#).

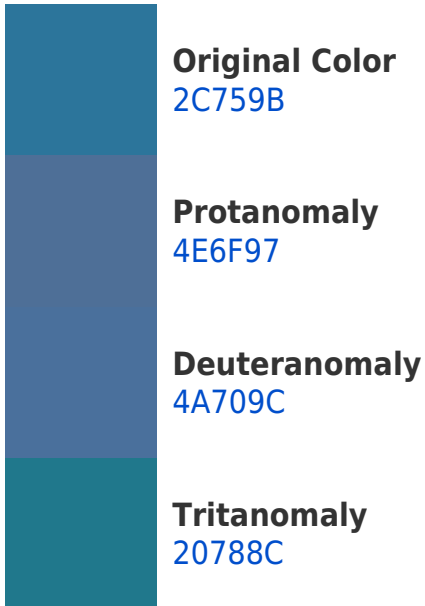
Dichromacy





Tritanopia
197983

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C759B 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 #2C759B looks like.

```
.text, #text, p{  
    color:#2C759B  
}
```

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 #2C759B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C759B
}
```

Border

The CSS property to change the border of an element to Hex 2C759B 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
#2C759B }
```

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

```
.border{ border-color:#2C759B }
```

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

Here you see how a box with a 4 pixel #2C759B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C759B; -webkit-box-shadow:4px 4px  
4px 4px #2C759B; box-shadow:4px 4px 4px  
4px #2C759B }
```

Background

The CSS property to change the background color of an element to Hex 2C759B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C759B }
```

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

```
.background{ background-color:#2C759B }
```

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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