

Converting Colors

Hex(50979B)

Have a look what the booklet for
Hex(50979B) contains.

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Color

Hex(50979B)

Conversions

Conversions Part 1

Format	Color
Hex	50979B
RGB	80, 151, 155
RGB Percent	31%, 59%, 61%
CMY	0.6863, 0.4078, 0.3922
CMYK	0.48, 0.03, 0.00, 0.39
HSL	183°, 32%, 46%
HSV	183°, 48%, 61%
XYZ	20.2913, 26.2052, 34.9990
YIQ	130.2270, -43.6000, -13.8080

Conversions

Conversions Part 2

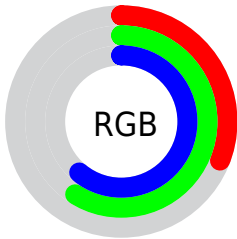
Format	Color
R_{YB}	80, 116, 155
Decimal	5281691
CIE _{Lab}	58.23, -21.13, -9.02
CIE _{LCh}	58, 22.974, 203.110
Yxy	26.2052, 0.2490, 0.3216
Android (android.graphics.Color)	4283471771 (0xFF50979B)
YUV	130.2270, 12.2131, -44.0491
Hunter-Lab	51.1911, -18.8300, -4.7025

Details

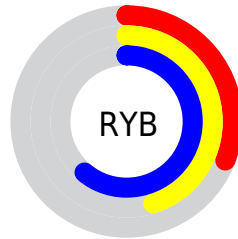
The Hex color **50979B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5450**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **87CDD1**, and **136468** is the 20% darker color. If you saturate the color by 10%, you get **41969B**, and if you desaturate by 10%, it is **60989B**.

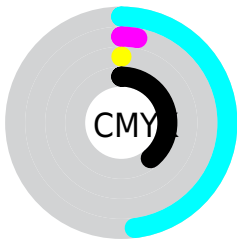
Distribution



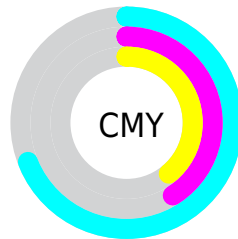
- Red (31%)
- Green (59%)
- Blue (61%)



- Red (31%)
- Yellow (45%)
- Blue (61%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (69%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50979B 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 50979B by changing the saturation by 10% instead.

50979B

50979B

FFFFFF

347D81

87CDD1

136468

A2EAEE

004C50

BEFFFF

003539

DBFFFF

002023

F9FFFF

00010E

000000

50979B

50979B

41969B

60989B

31959B

6F999B

22959B

7E999B

12949B

8E9A9B

03939B

9D9B9B

00939B

AD9C9B

BD9D9B

CC9E9B

DC9E9B

Harmonies

Analogous

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



5D9786



50979B



5594AB

Triad

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



50979B



A182A4



9F8964

Complementary

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



50979B



9B5450

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.



AE836D



50979B



B17E91

Square

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



50979B



8988B1



B57E7D



8A9067

Rectangle

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



50979B



6391B2



B57E7D



A58766

Sweetspot

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



50979B



ABC8C9



509B54



546566



E6E6E6



666666

Same Dimension

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



50979B



55C3C9



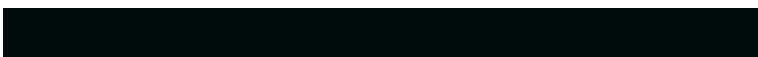
50729B



454C4D



00858C



000C0D

Inverse Universe

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



9B5097



C955C3



9B7950



4D454C



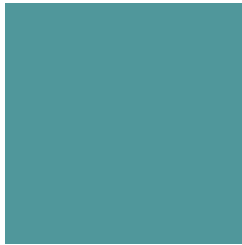
8C0085



0D000C

Previews

White Background



This preview shows how the Hex color 50979B looks on a white background.

Color Contrast Check

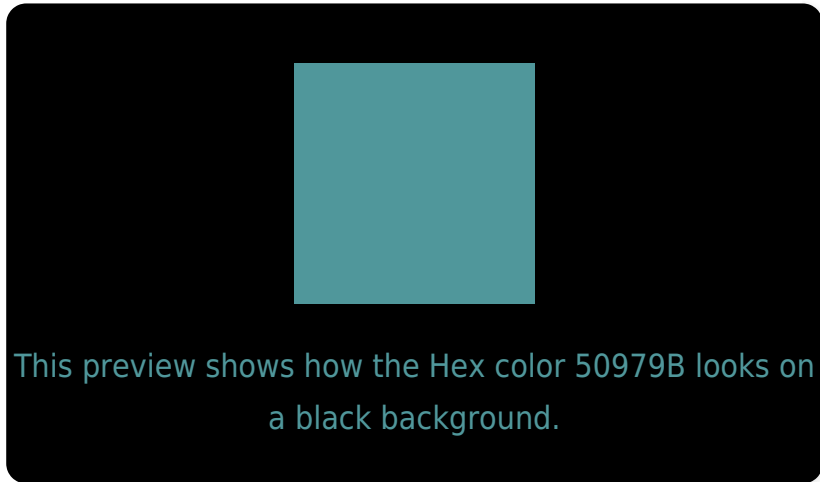
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

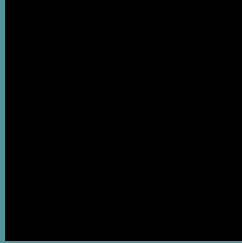
Any Text WCAG AA ✓ Pass

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 50979B Background



This preview shows how black text looks on a background with the Hex color 50979B.

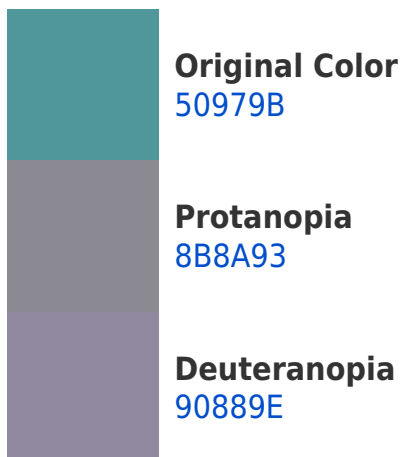


This preview shows how white text looks on a background with the Hex color 50979B.

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
5296A2

Trichromacy



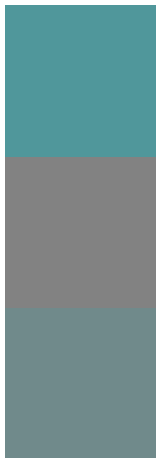
Original Color
50979B

Protanomaly
768F96

Deuteranomaly
798D9D

Tritanomaly
51969F

Monochromacy



Original Color
50979B

Achromatopsia
828282

Achromatomaly
708A8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 50979B 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 #50979B looks like.

```
.text, #text, p{  
    color:#50979B  
}
```

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 #50979B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50979B
}
```

Border

The CSS property to change the border of an element to Hex 50979B 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
#50979B }
```

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

```
.border{ border-color:#50979B }
```

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

Here you see how a box with a 4 pixel #50979B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50979B; -webkit-box-shadow:4px 4px  
4px 4px #50979B; box-shadow:4px 4px 4px  
4px #50979B }
```

Background

The CSS property to change the background color of an element to Hex 50979B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50979B }
```

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

```
.background{ background-color:#50979B }
```

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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