

Converting Colors

Hex(81979B)

Have a look what the booklet for
Hex(81979B) contains.

Hex(81979B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81979B)

Conversions

Conversions Part 1

Format	Color
Hex	81979B
RGB	129, 151, 155
RGB Percent	51%, 59%, 61%
CMY	0.4941, 0.4078, 0.3922
CMYK	0.17, 0.03, 0.00, 0.39
HSL	189°, 12%, 56%
HSV	189°, 17%, 61%
XYZ	26.0363, 29.1669, 35.2679
YIQ	144.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

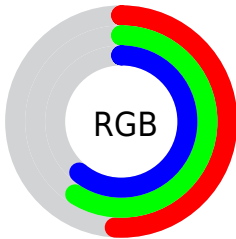
Format	Color
R_{YB}	129, 141, 155
Decimal	8492955
CIE _{Lab}	60.93, -6.86, -4.72
CIE _{LCh}	61, 8.328, 214.499
Yxy	29.1669, 0.2878, 0.3224
Android (android.graphics.Color)	4286683035 (0xFF81979B)
YUV	144.8780, 4.9901, -13.9250
Hunter-Lab	54.0064, -8.4571, -0.9138

Details

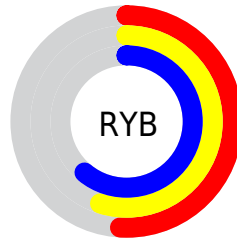
The Hex color **81979B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9B8581**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **B6CDD1**, and **4F6468** is the 20% darker color. If you saturate the color by 10%, you get **72959B**, and if you desaturate by 10%, it is **91999B**.

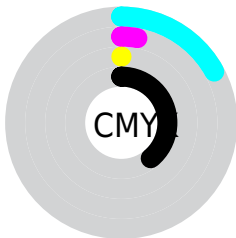
Distribution



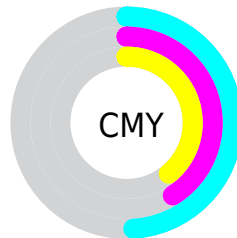
- Red (51%)
- Green (59%)
- Blue (61%)



- Red (51%)
- Yellow (55%)
- Blue (61%)



- Cyan (17%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (49%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81979B 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 81979B by changing the saturation by 10% instead.

81979B

81979B

FFFFFF

687D81

B6CDD1

4F6468

D2E9EE

384C50

EEFFFF

223639

0C2024

00070E

000000

81979B

81979B

72959B

91999B

62929B

A09C9B

53909B

B09E9B

438D9B

BFA19B

348B9B

CEA39B

24899B

DEA59B

15869B

EDA89B

05849B

FDAA9B

00839B

FFAC9B

Harmonies

Analogous

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



829794



81979B



8595A0

Triad

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



81979B



9E8F99



989384

Complementary

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



81979B



9B8581

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.



9F9086



81979B



A28E92

Square

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



81979B



96919F



A38F8B



909587

Rectangle

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



81979B



8A94A1



A38F8B



9B9285

Sweetspot

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



81979B



BFC8C9



819B85



606566



E6E6E6



666666

Same Dimension

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



81979B



A1C3C9



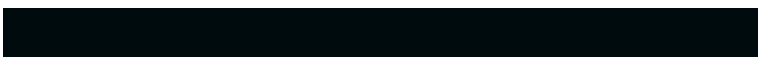
818A9B



454B4D



00778C



000B0D

Inverse Universe

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



9B8197



C9A1C3



9B9281



4D454B



8C0077



0D000B

Previews

White Background



This preview shows how the Hex color 81979B looks on a white background.

Color Contrast Check

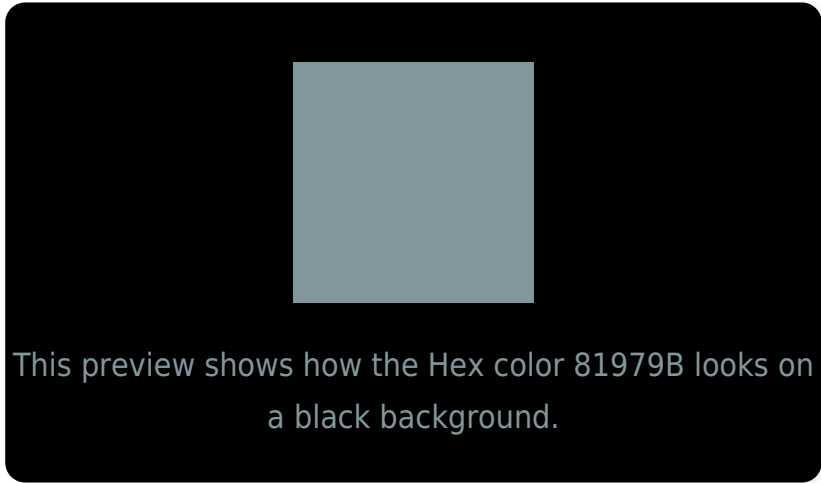
Large Text (above 18pt) WCAG AA ✓ Pass

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

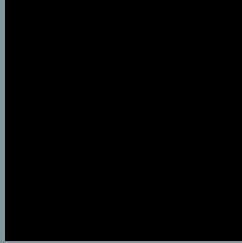
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

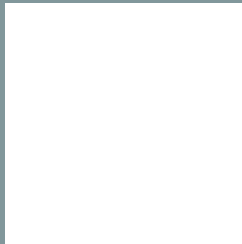
Any Text WCAG AAA × Fail

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

Hex 81979B Background



This preview shows how black text looks on a background with the Hex color 81979B.

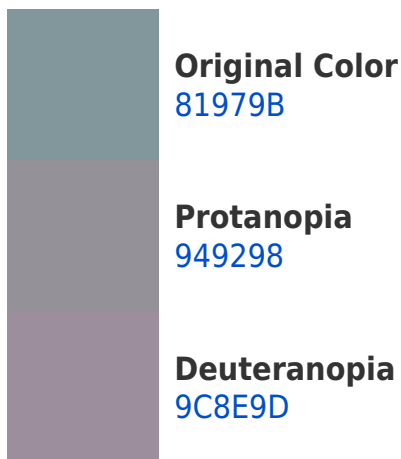


This preview shows how white text looks on a background with the Hex color 81979B.

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
8296A2

Trichromacy



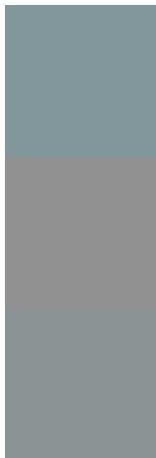
Original Color
81979B

Protanomaly
8D9499

Deuteranomaly
92919C

Tritanomaly
82969F

Monochromacy



Original Color
81979B

Achromatopsia
919191

Achromatomaly
8B9395

CSS Examples

Text

The CSS property to change the color of the text to Hex 81979B 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 #81979B looks like.

```
.text, #text, p{  
    color:#81979B  
}
```

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 #81979B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81979B
}
```

Border

The CSS property to change the border of an element to Hex 81979B 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
#81979B }
```

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

```
.border{ border-color:#81979B }
```

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

Here you see how a box with a 4 pixel #81979B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81979B; -webkit-box-shadow:4px 4px  
4px 4px #81979B; box-shadow:4px 4px 4px  
4px #81979B }
```

Background

The CSS property to change the background color of an element to Hex 81979B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81979B }
```

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

```
.background{ background-color:#81979B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor