

Converting Colors

Hex(31979C)

Have a look what the booklet for
Hex(31979C) contains.

Hex(31979C)	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(31979C)

Conversions

Conversions Part 1

Format	Color
Hex	31979C
RGB	49, 151, 156
RGB Percent	19%, 59%, 61%
CMY	0.8078, 0.4078, 0.3882
CMYK	0.69, 0.03, 0.00, 0.39
HSL	183°, 52%, 40%
HSV	183°, 69%, 61%
XYZ	18.3340, 25.1865, 35.3477
YIQ	121.0720, -62.3970, -20.0690

Conversions

Conversions Part 2

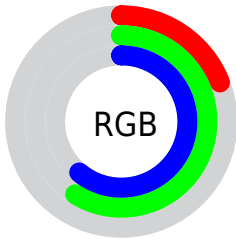
Format	Color
RYB	49, 101, 156
Decimal	3250076
CIELab	57.26, -26.86, -11.15
CIElCh	57, 29.087, 202.543
Yxy	25.1865, 0.2325, 0.3193
Android (android.graphics.Color)	4281440156 (0xFF31979C)
YUV	121.0720, 17.2195, -63.2071
Hunter-Lab	50.1861, -22.6162, -6.6295

Details

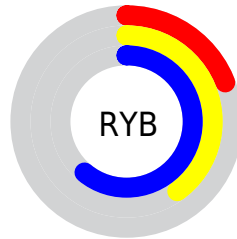
The Hex color **31979C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3631**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **6ECED2**, and **006469** is the 20% darker color. If you saturate the color by 10%, you get **21969C**, and if you desaturate by 10%, it is **41989C**.

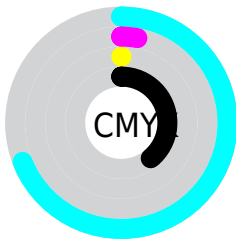
Distribution



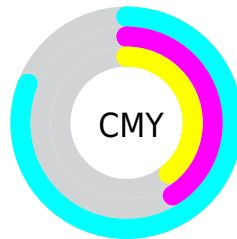
- Red (19%)
- Green (59%)
- Blue (61%)



- Red (19%)
- Yellow (40%)
- Blue (61%)



- Cyan (69%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)





- Cyan (81%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 31979C 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 31979C by changing the saturation by 10% instead.

 31979C

 31979C

FFFFFF

 007D82

 6ECED2

 006469

 8BEAEF

 004B51

 A8FFFF

 00343A


 C5FFFF


 002024

 E3FFFF

 00010F

 000000

 31979C

 31979C

 21969C

 41989C

■ 12969C

■ 50989C

■ 02959C

■ 60999C

■ 00959C

■ 6F9A9C

■ 7F9B9C

■ 8F9B9C

■ 9E9C9C

■ AE9D9C

■ BD9E9C

Harmonies

Analogous

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



4B9782



31979C



3894B1

Triad

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



31979C



A47CA9



A08657

Complementary

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



31979C



9C3631

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.



B37D62



31979C



B77791

Square

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



31979C



8485B8



BC7777



878E5A

Rectangle

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



31979C



4F90B9



BC7777



A88359

Sweetspot

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



31979C



A1CACC



319C35



4D6566



E6E6E6



666666

Same Dimension

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



31979C



25C4CC



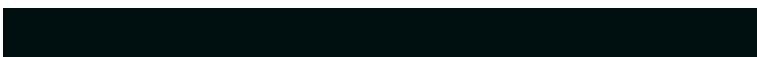
31639C



474F4F



00888F



000F0F

Inverse Universe

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



9C3197



CC25C4



9C6A31



4F474F



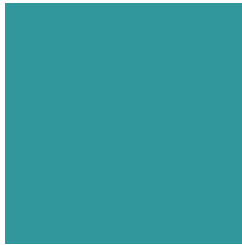
8F0088



0F000F

Previews

White Background



This preview shows how the Hex color 31979C looks on a white background.

Color Contrast Check

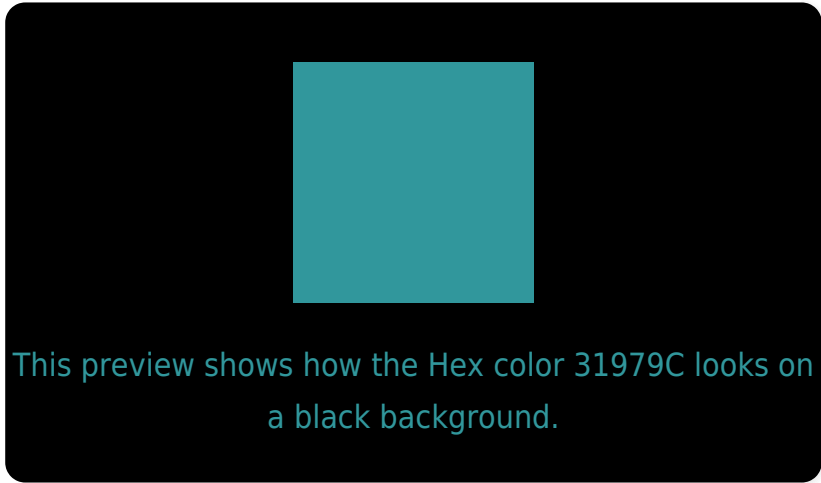
Large Text (above 18pt) WCAG AA ✓ Pass

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

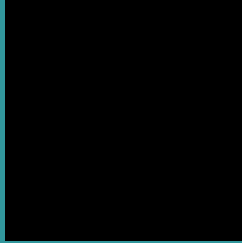
Any Text WCAG AA ✓ Pass

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 31979C Background



This preview shows how black text looks on a background with the Hex color 31979C.

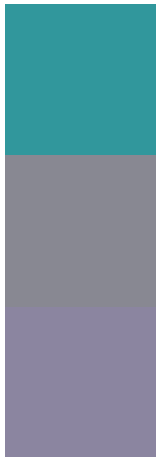


This preview shows how white text looks on a background with the Hex color 31979C.

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



Original Color
31979C

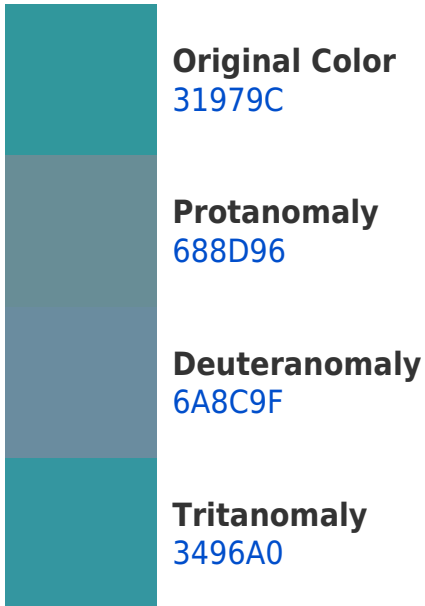
Protanopia
888892

Deuteranopia
8B85A0



Tritanopia
3596A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31979C 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 #31979C looks like.

```
.text, #text, p{  
    color:#31979C  
}
```

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 #31979C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31979C
}
```

Border

The CSS property to change the border of an element to Hex 31979C is called "border". The border property can be set on classes, ids or directly on the HTML element.

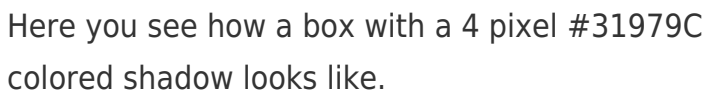
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31979C }
```

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

```
.border{ border-color:#31979C }
```

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



Here you see how a box with a 4 pixel #31979C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31979C; -webkit-box-shadow:4px 4px  
4px 4px #31979C; box-shadow:4px 4px 4px  
4px #31979C }
```

Background

The CSS property to change the background color of an element to Hex 31979C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31979C }
```

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

```
.background{ background-color:#31979C }
```

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