

Converting Colors

Hex(30919C)

Have a look what the booklet for
Hex(30919C) contains.

Hex(30919C)	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(30919C)

Conversions

Conversions Part 1

Format	Color
Hex	30919C
RGB	48, 145, 156
RGB Percent	19%, 57%, 61%
CMY	0.8118, 0.4314, 0.3882
CMYK	0.69, 0.07, 0.00, 0.39
HSL	186°, 53%, 40%
HSV	186°, 69%, 61%
XYZ	17.3451, 23.2795, 35.0317
YIQ	117.2510, -61.3430, -17.1430

Conversions

Conversions Part 2

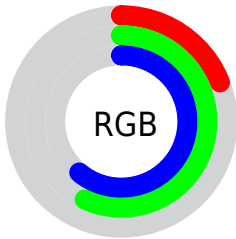
Format	Color
RYB	48, 99, 156
Decimal	3183004
CIELab	55.36, -23.98, -14.01
CIELCh	55, 27.770, 210.304
Yxy	23.2795, 0.2293, 0.3077
Android (android.graphics.Color)	4281373084 (0xFF30919C)
YUV	117.2510, 19.1033, -60.7331
Hunter-Lab	48.2488, -20.2661, -9.2741




Details

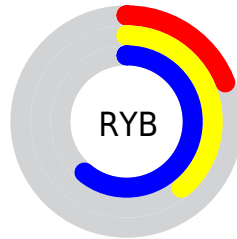
The Hex color **30919C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3B30**, and the grayscale version is **757575**.




A 20% lighter version of the original color is **6DC7D2**, and **005E69** is the 20% darker color. If you saturate the color by 10%, you get **208F9C**, and if you desaturate by 10%, it is **40939C**.

Distribution







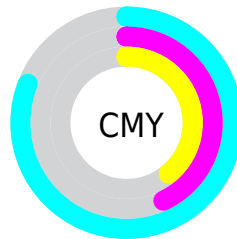
-  Red (19%)
-  Green (57%)
-  Blue (61%)






-  Red (19%)
-  Yellow (39%)
-  Blue (61%)



-  Cyan (69%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (39%)



-  Cyan (81%)
-  Magenta (43%)
-  Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30919C 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 30919C by changing the saturation by 10% instead.

 30919C

 30919C

FFFFFF

 007782

 6DC7D2

 005E69

 8AE3EF

 004651

 A6FFFF

 002F3A

 C3FFFF

 001C24

 E1FFFF

 00010E

 000000

 30919C

 30919C

 208F9C

 40939C

■ 118E9C

■ 4F949C

■ 018C9C

■ 5F969C

■ 008C9C

■ 6E979C

■ 7E999C

■ 8E9B9C

■ 9D9C9C

■ AD9E9C

■ BC9F9C

Harmonies

Analogous

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



429284



30919C



408DAE

Triad

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



30919C



A3769D



958354

Complementary

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



30919C



9C3B30

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.



A87B5B



30919C



B27285

Square

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



30919C



887EAE



B3746D



7B8A5A

Rectangle

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



30919C



5789B4



B3746D



9C8055

Sweetspot

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



30919C



A1C8CC



309C3B



4D6366



E6E6E6



666666

Same Dimension

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



30919C



23BBCC



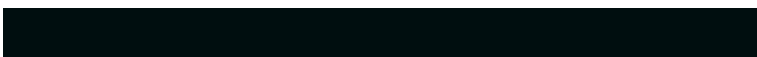
305B9C



474E4F



00808F



000E0F

Inverse Universe

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



9C3091



CC23BB



9C7130



4F474E



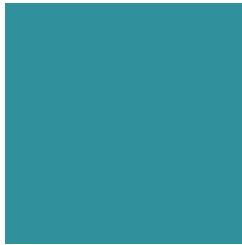
8F0080



0F000E

Previews

White Background



This preview shows how the Hex color 30919C looks on a white background.

Color Contrast Check

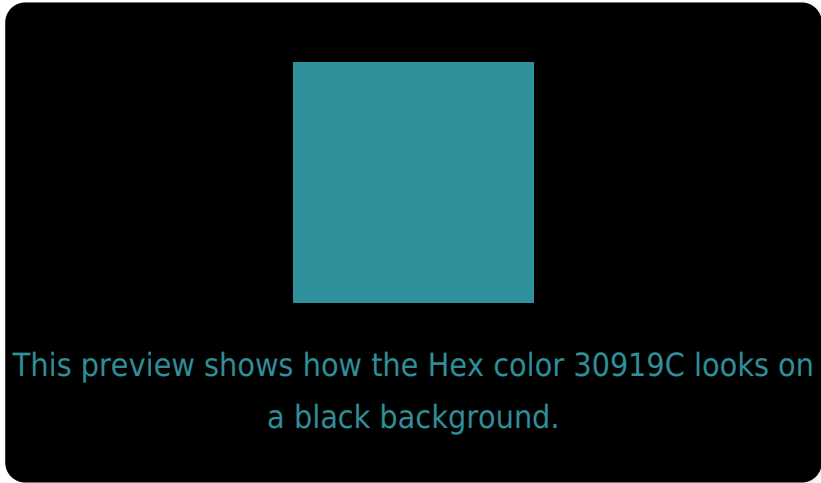
Large Text (above 18pt) WCAG AA ✓ Pass

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

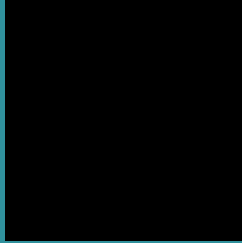
Any Text WCAG AA ✓ Pass

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 30919C Background



This preview shows how black text looks on a background with the Hex color 30919C.

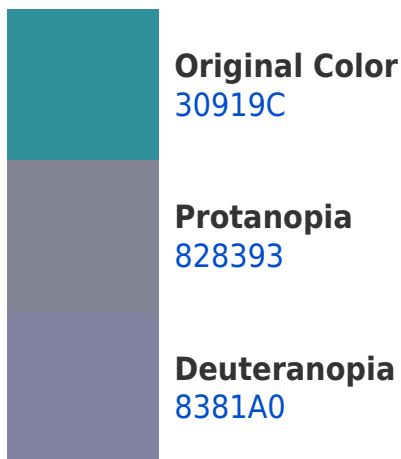


This preview shows how white text looks on a background with the Hex color 30919C.

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](#).

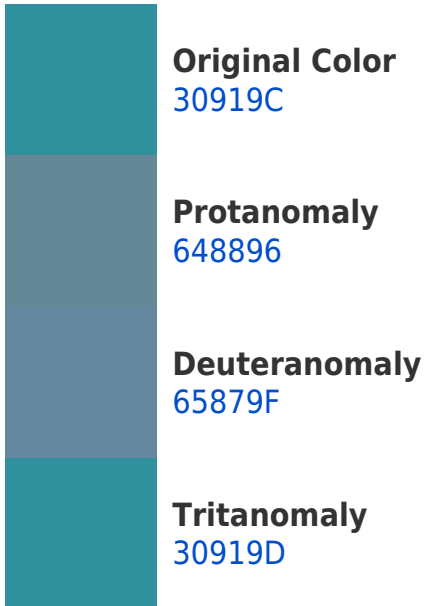
Dichromacy





Tritanopia
30919D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 30919C 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 #30919C looks like.

```
.text, #text, p{  
    color:#30919C  
}
```

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 #30919C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30919C
}
```

Border

The CSS property to change the border of an element to Hex 30919C 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
#30919C }
```

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

```
.border{ border-color:#30919C }
```

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

Here you see how a box with a 4 pixel #30919C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30919C; -webkit-box-shadow:4px 4px  
4px 4px #30919C; box-shadow:4px 4px 4px  
4px #30919C }
```

Background

The CSS property to change the background color of an element to Hex 30919C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30919C }
```

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

```
.background{ background-color:#30919C }
```

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