

Converting Colors

Hex(31859E)

Have a look what the booklet for
Hex(31859E) contains.

Hex(31859E)	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(31859E)

Conversions

Conversions Part 1

Format	Color
Hex	31859E
RGB	49, 133, 158
RGB Percent	19%, 52%, 62%
CMY	0.8078, 0.4784, 0.3804
CMYK	0.69, 0.16, 0.00, 0.38
HSL	194°, 53%, 41%
HSV	194°, 69%, 62%
XYZ	15.8257, 19.8966, 35.3541
YIQ	110.7340, -58.0890, -10.0330

Conversions

Conversions Part 2

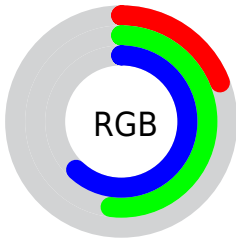
Format	Color
RYB	49, 96, 158
Decimal	3245470
CIELab	51.72, -16.83, -20.71
CIELCh	52, 26.680, 230.901
Yxy	19.8966, 0.2227, 0.2799
Android (android.graphics.Color)	4281435550 (0xFF31859E)
YUV	110.7340, 23.3021, -54.1407
Hunter-Lab	44.6057, -14.7296, -15.7688

Details

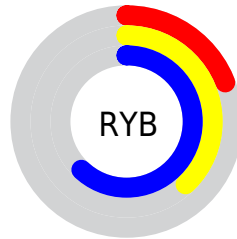
The Hex color **31859E** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **9E4A31**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6DBAD5**, and **00536B** is the 20% darker color. If you saturate the color by 10%, you get **21819E**, and if you desaturate by 10%, it is **41899E**.

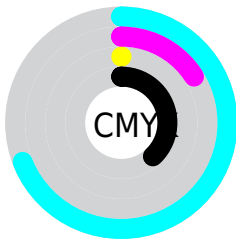
Distribution



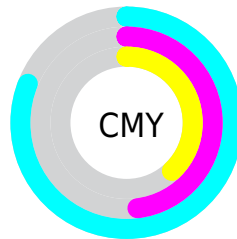
- Red (19%)
- Green (52%)
- Blue (62%)



- Red (19%)
- Yellow (38%)
- Blue (62%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (38%)



- Cyan (81%)
- Magenta (48%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Hex color 31859E 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 31859E by changing the saturation by 10% instead.

 31859E  31859E

FFFFFF  016C84

 6DBAD5  00536B

 89D6F1  003C52

 A6F2FF  00263B

 C3FFFF  000E26

 E0FFFF  00010F

FEFFFF  000000

 31859E  31859E

 21819E  41899E

■ 117E9E

■ 518C9E

■ 027A9E

■ 60909E

■ 007A9E

■ 70939E

■ 80979E

■ 909B9E

■ A09E9E

■ AFA29E

■ BFA69E

Harmonies

Analogous

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



2D888B



31859E



5180A8

Triad

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



31859E



A36B83



7B7F50

Complementary

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



31859E



9E4A31

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.



91774E



31859E



A86B6C

Square

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



31859E



917098



A27059



60845E

Rectangle

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



31859E



697BA8



A27059



837D4E

Sweetspot

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



31859E



A3C5CF



319E49



4E6369



E8E8E8



696969

Same Dimension

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



31859E



23A7CF



31509E



474D4F



006E8F



000C0F

Inverse Universe

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



9E3185



CF23A7



9E7F31



4F474D



8F006E



0F000C

Previews

White Background



This preview shows how the Hex color 31859E looks on a white background.

Color Contrast Check

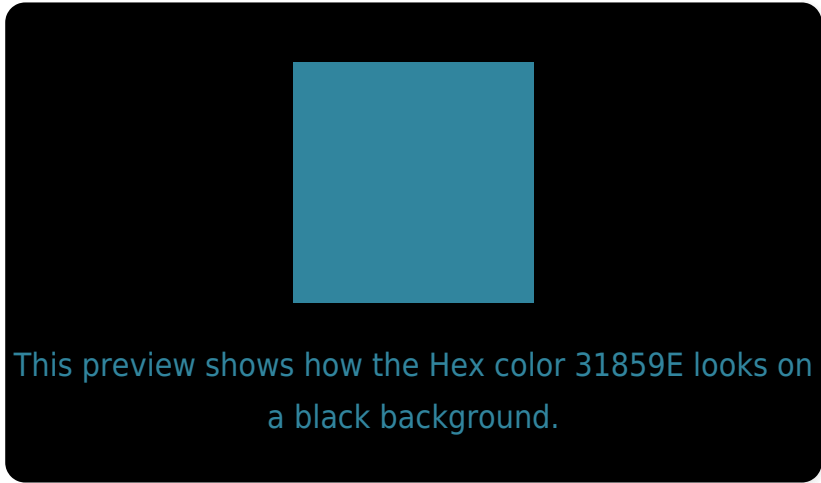
Large Text (above 18pt) WCAG AA ✓ Pass

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

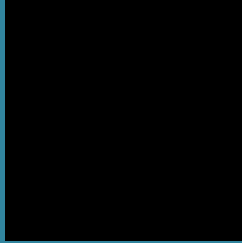
Any Text WCAG AA ✓ Pass

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 31859E Background



This preview shows how black text looks on a background with the Hex color 31859E.

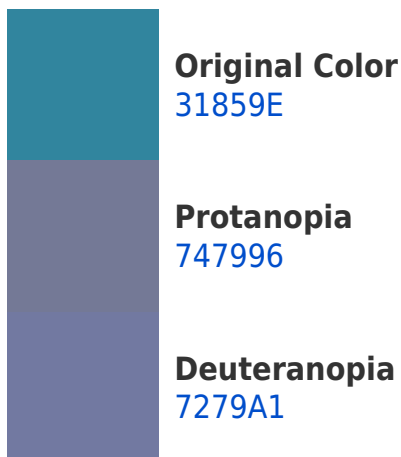


This preview shows how white text looks on a background with the Hex color 31859E.

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](#).

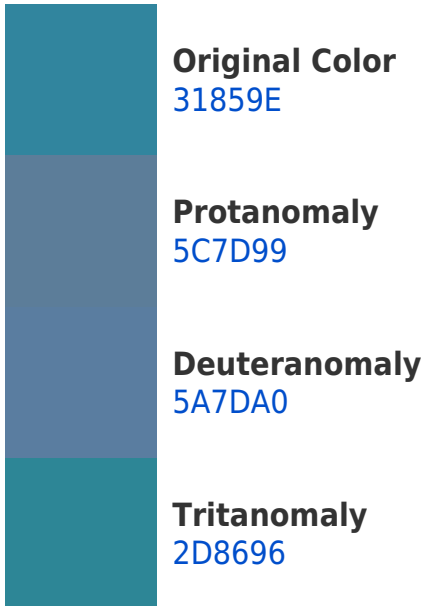
Dichromacy



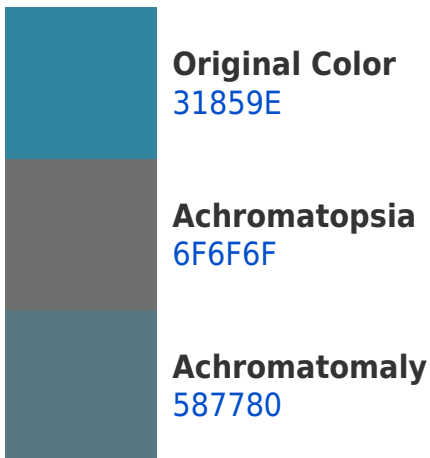


Tritanopia
2A8792

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 31859E 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 #31859E looks like.

```
.text, #text, p{  
    color:#31859E  
}
```

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 #31859E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31859E
}
```

Border

The CSS property to change the border of an element to Hex 31859E is called "border". The border property can be set on classes, ids or directly on the HTML element.

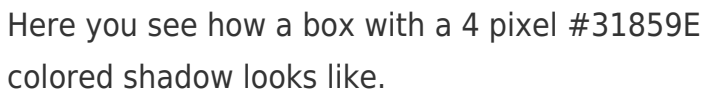
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#31859E }
```

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

```
.border{ border-color:#31859E }
```

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



Here you see how a box with a 4 pixel #31859E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31859E; -webkit-box-shadow:4px 4px  
4px 4px #31859E; box-shadow:4px 4px 4px  
4px #31859E }
```

Background

The CSS property to change the background color of an element to Hex 31859E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31859E }
```

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

```
.background{ background-color:#31859E }
```

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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