

# Converting Colors

Hex(31958F)

Have a look what the booklet for  
Hex(31958F) contains.

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**Color**

**Hex(31958F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	31958F
RGB	49, 149, 143
RGB Percent	19%, 58%, 56%
CMY	0.8078, 0.4157, 0.4392
CMYK	0.67, 0.00, 0.04, 0.42
HSL	176°, 51%, 39%
HSV	176°, 67%, 58%
XYZ	16.9720, 24.1310, 29.7498
YIQ	118.4160, -57.6740, -23.0660

# Conversions

## Conversions Part 2

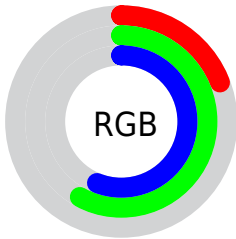
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 101, 149
Decimal	3249551
CIE <sub>Lab</sub>	56.22, -29.73, -5.26
CIE <sub>LCh</sub>	56, 30.192, 190.041
Yxy	24.1310, 0.2395, 0.3406
Android (android.graphics.Color)	4281439631 (0xFF31958F)
YUV	118.4160, 12.1199, -60.8778
Hunter-Lab	49.1233, -24.2945, -1.5206

# Details

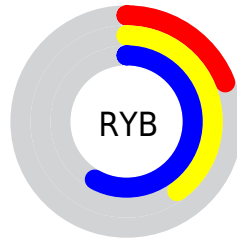
The Hex color **31958F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **953137**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6DCCC5**, and **00625D** is the 20% darker color. If you saturate the color by 10%, you get **22958E**, and if you desaturate by 10%, it is **409590**.

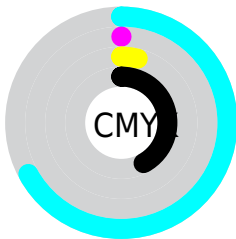
# Distribution



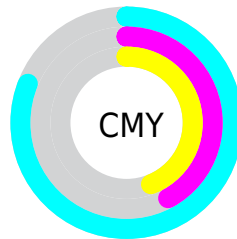
- Red (19%)
- Green (58%)
- Blue (56%)



- Red (19%)
- Yellow (40%)
- Blue (58%)



- Cyan (67%)
- Magenta (0%)
- Yellow (4%)
- Black (42%)



- Cyan (81%)
- Magenta (42%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 31958F 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 31958F by changing the saturation by 10% instead.





31958F



31958F

FFFFFF



017B75



6DCCC5



00625D



89E8E1



004945



A6FFFD



00322F



C3FFFF



001F1A



E0FFFF



000000

FEFFFF



31958F



31958F



22958E



409590

13958D

4F9591

04958C

5E9592

00958C

6D9593

7C9593

8A9594

999595

A89596

B79597

# Harmonies

## Analogous

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



539474



31958F



2293A8

# Triad

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



31958F



957DAF



A77F56

# Complementary

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



31958F



953137

# 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.



B77766



31958F



AF7599

# Square

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



31958F



7086BA



BA737F



908852

# Rectangle

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



31958F



3690B4



BA737F



AE7C5A



# Sweetspot

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



31958F



9BC2BF



389531



4A6160



E0E0E0



616161



# Same Dimension

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



31958F



25C2B8



316A95



434A4A



008A81



000A0A



# Inverse Universe

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



953137



C2252E



955C31



4A4343



8A0008

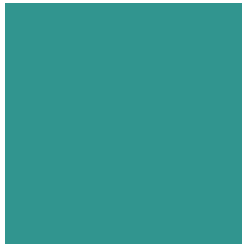


0A0001



# Previews

## White Background



This preview shows how the Hex color 31958F looks on a white background.

## Color Contrast Check

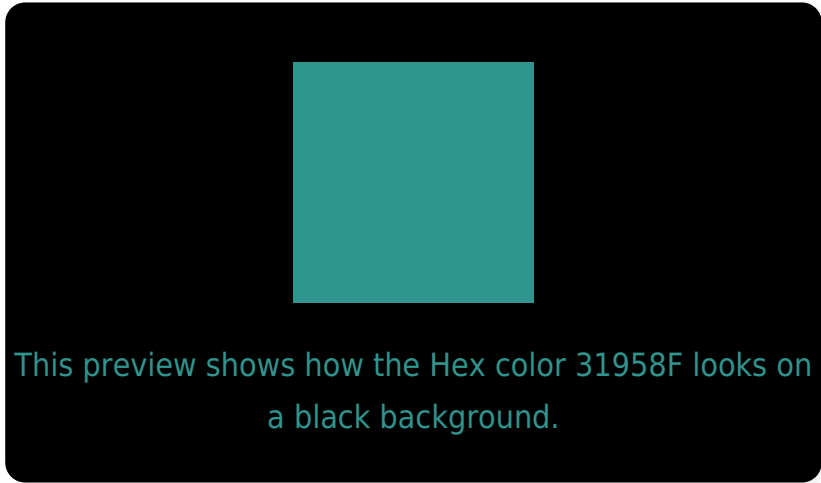
Large Text (above 18pt) WCAG AA ✓ Pass

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

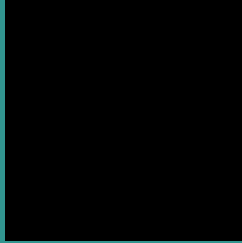
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 31958F Background



This preview shows how black text looks on a background with the Hex color 31958F.

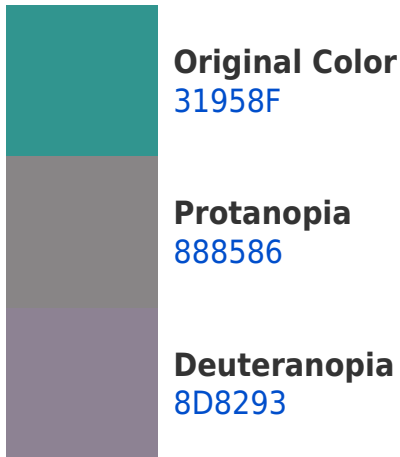


This preview shows how white text looks on a background with the Hex color 31958F.

# 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**  
39939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 31958F 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 #31958F looks like.

```
.text, #text, p{  
    color:#31958F  
}
```

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 #31958F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #31958F
}
```

## Border

The CSS property to change the border of an element to Hex 31958F 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
#31958F }
```

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

```
.border{ border-color:#31958F }
```

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

Here you see how a box with a 4 pixel #31958F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #31958F; -webkit-box-shadow:4px 4px  
4px 4px #31958F; box-shadow:4px 4px 4px  
4px #31958F }
```

# Background

The CSS property to change the background color of an element to Hex 31958F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#31958F }
```

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

```
.background{ background-color:#31958F }
```

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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