

Converting Colors

Hex(63989C)

Have a look what the booklet for
Hex(63989C) contains.

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Color

Hex(63989C)

Conversions

Conversions Part 1

Format	Color
Hex	63989C
RGB	99, 152, 156
RGB Percent	39%, 60%, 61%
CMY	0.6118, 0.4039, 0.3882
CMYK	0.37, 0.03, 0.00, 0.39
HSL	184°, 22%, 50%
HSV	184°, 37%, 61%
XYZ	22.3746, 27.5094, 35.5831
YIQ	136.6090, -32.8720, -9.9920

Conversions

Conversions Part 2

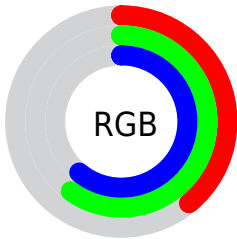
Format	Color
R_{YB}	99, 126, 156
Decimal	6527132
CIE _{Lab}	59.44, -16.46, -7.69
CIE _{LCh}	59, 18.164, 205.035
Yxy	27.5094, 0.2618, 0.3219
Android (android.graphics.Color)	4284717212 (0xFF63989C)
YUV	136.6090, 9.5598, -32.9831
Hunter-Lab	52.4494, -15.6396, -3.5093

Details

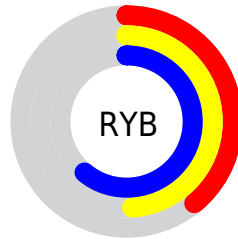
The Hex color **63989C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9C6763**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **98CED2**, and **2F6569** is the 20% darker color. If you saturate the color by 10%, you get **53979C**, and if you desaturate by 10%, it is **73999C**.

Distribution



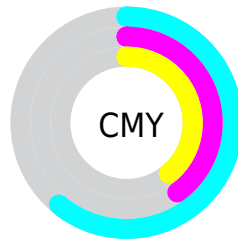
- Red (39%)
- Green (60%)
- Blue (61%)



- Red (39%)
- Yellow (49%)
- Blue (61%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (39%)



- Cyan (61%)
- Magenta (40%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 63989C 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 63989C by changing the saturation by 10% instead.

63989C

63989C

FFFFFF

497E82

98CED2

2F6569

B4EBEF

134D51

D0FFFF

00363A

EDFFFF

002124

00010F

000000

63989C

63989C

53979C

73999C

44969C

829A9C

34959C

929B9C

25949C

A19C9C

15939C

B19D9C

05919C

C19F9C

00919C

D0A09C

E0A19C

EFA29C

Harmonies

Analogous

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



6B988C



63989C



6896A9

Triad

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



63989C



A187A2



9E8D70

Complementary

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



63989C



9C6763

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.



AB8876



63989C



AD8492

Square

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



63989C



8E8CAC



B08482



8D9272

Rectangle

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



63989C



7393AE



B08482



A38B71

Sweetspot

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



63989C



B6CACC



639C67



596566



E6E6E6



666666

Same Dimension

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



63989C



72C6CC



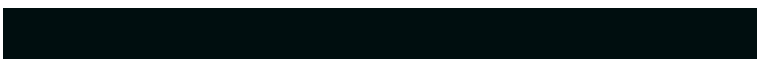
637C9C



474E4F



00858F



000E0F

Inverse Universe

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



9C6398



CC72C6



9C8363



4F474E



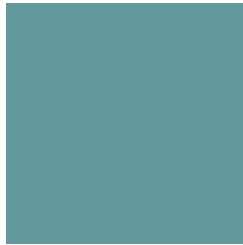
8F0085



0F000E

Previews

White Background



This preview shows how the Hex color 63989C looks on a white background.

Color Contrast Check

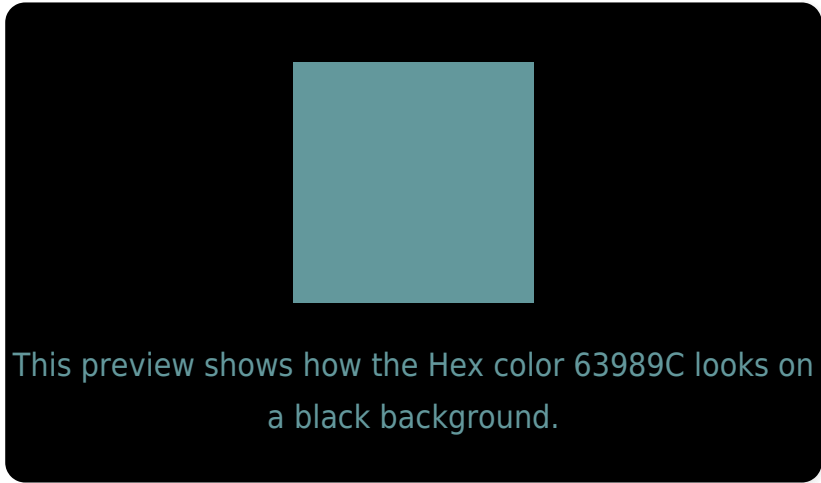
Large Text (above 18pt) WCAG AA ✓ Pass

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

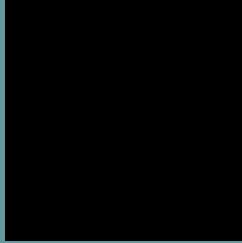
Any Text WCAG AA ✓ Pass

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 63989C Background



This preview shows how black text looks on a background with the Hex color 63989C.

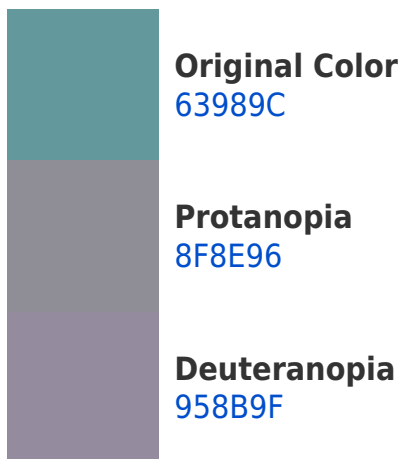


This preview shows how white text looks on a background with the Hex color 63989C.

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
6597A3

Trichromacy



Original Color
63989C

Protanomaly
7F9298

Deuteranomaly
83909E

Tritanomaly
6497A0

Monochromacy



Original Color
63989C

Achromatopsia
898989

Achromatomaly
7B8E90

CSS Examples

Text

The CSS property to change the color of the text to Hex 63989C 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 #63989C looks like.

```
.text, #text, p{  
    color:#63989C  
}
```

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 #63989C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63989C
}
```

Border

The CSS property to change the border of an element to Hex 63989C 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
#63989C }
```

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

```
.border{ border-color:#63989C }
```

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

Here you see how a box with a 4 pixel #63989C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63989C; -webkit-box-shadow:4px 4px  
4px 4px #63989C; box-shadow:4px 4px 4px  
4px #63989C }
```

Background

The CSS property to change the background color of an element to Hex 63989C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63989C }
```

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

```
.background{ background-color:#63989C }
```

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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