

Converting Colors

Hex(39998D)

Have a look what the booklet for
Hex(39998D) contains.

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Color

Hex(39998D)

Conversions

Conversions Part 1

Format	Color
Hex	39998D
RGB	57, 153, 141
RGB Percent	22%, 60%, 55%
CMY	0.7765, 0.4000, 0.4471
CMYK	0.63, 0.00, 0.08, 0.40
HSL	172°, 46%, 41%
HSV	172°, 63%, 60%
XYZ	17.8863, 25.5754, 29.1931
YIQ	122.9280, -53.3640, -24.0840

Conversions

Conversions Part 2

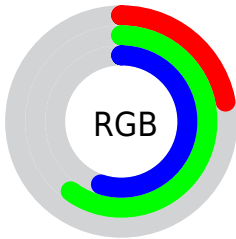
Format	Color
RYB	57, 108, 153
Decimal	3774861
CIELab	57.63, -30.85, -2.01
CIElCh	58, 30.918, 183.733
Yxy	25.5754, 0.2462, 0.3520
Android (android.graphics.Color)	4281964941 (0xFF39998D)
YUV	122.9280, 8.9095, -57.8189
Hunter-Lab	50.5721, -25.3696, 1.1749

Details

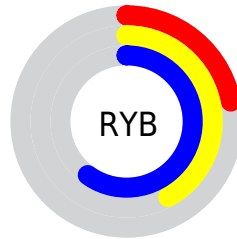
The Hex color **39998D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **993945**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **73D0C3**, and **00655B** is the 20% darker color. If you saturate the color by 10%, you get **2A998B**, and if you desaturate by 10%, it is **48998F**.

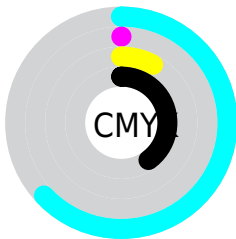
Distribution



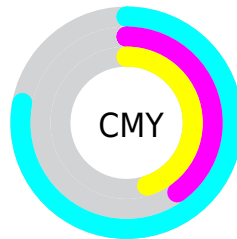
- Red (22%)
- Green (60%)
- Blue (55%)



- Red (22%)
- Yellow (42%)
- Blue (60%)



- Cyan (63%)
- Magenta (0%)
- Yellow (8%)
- Black (40%)



- Cyan (78%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 39998D 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 39998D by changing the saturation by 10% instead.

 39998D

 39998D

FFFFFF

 147F74

 73D0C3

 00655B

 8FECDE

 004D44

 ACFFFB

 00352D

 C9FFFF

 002219

 E6FFFF

 000000

 39998D

 39998D

 2A998B

 48998F

 1A9989

 589991

■ 0B9987

■ 679993

■ 009986

■ 769995

■ 869997

■ 959998

■ A4999A

■ B3999C

■ C3999E

Harmonies

Analogous

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



5C9772



39998D



2198A7

Triad

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



39998D



9282B7



B0815B

Complementary

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



39998D



993945

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.



BE796E



39998D



AF79A3

Square

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



39998D



6A8CC0



BE7688



998A54

Rectangle

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



39998D



2F95B5



BE7688



B67E60

Sweetspot

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



39998D



A1C7C2



469939



4D6361



E3E3E3



636363

Same Dimension

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



39998D



32C7B4



397699



454D4C



008C7B



000D0B

Inverse Universe

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



993945



C73244



995C39



4D4546



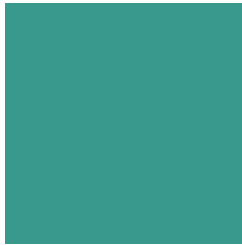
8C0012



0D0002

Previews

White Background



This preview shows how the Hex color 39998D looks on a white background.

Color Contrast Check

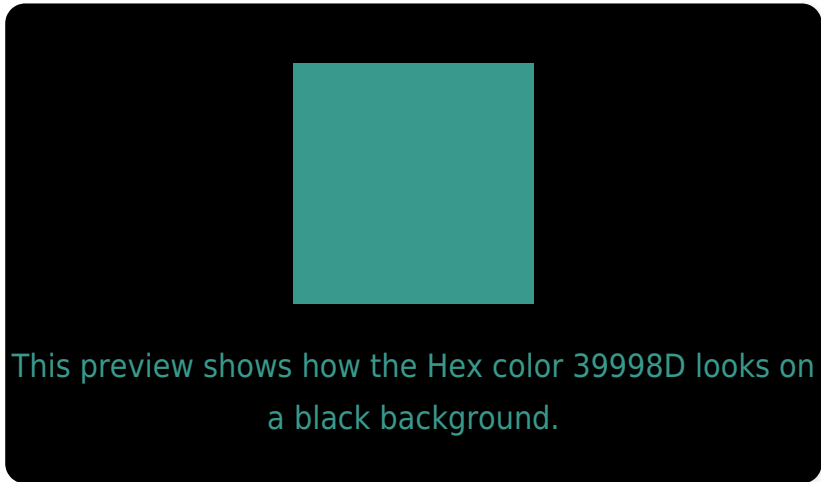
Large Text (above 18pt) WCAG AA ✓ Pass

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

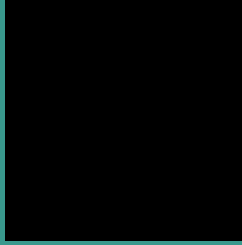
Any Text WCAG AA ✓ Pass

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 39998D Background



This preview shows how black text looks on a background with the Hex color 39998D.

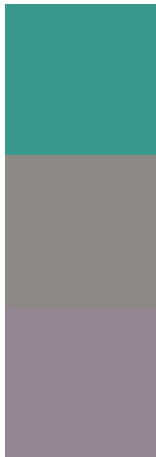


This preview shows how white text looks on a background with the Hex color 39998D.

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
39998D

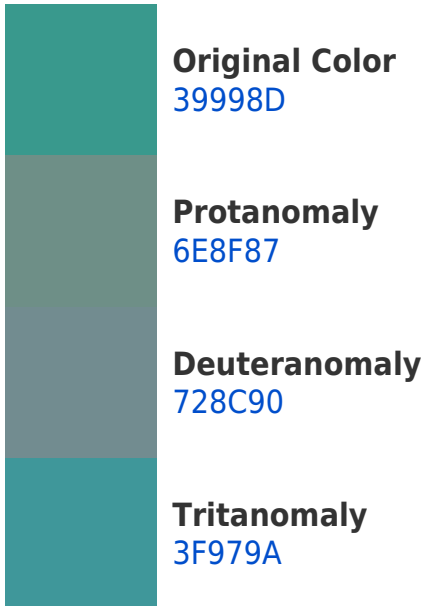
Protanopia
8D8984

Deuteranopia
938591

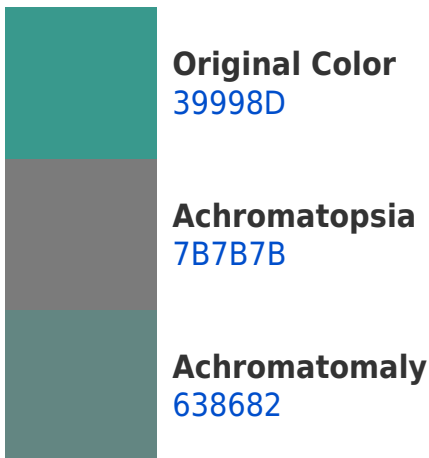


Tritanopia
4296A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 39998D 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 #39998D looks like.

```
.text, #text, p{  
    color:#39998D  
}
```

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 #39998D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #39998D
}
```

Border

The CSS property to change the border of an element to Hex 39998D 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
#39998D }
```

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

```
.border{ border-color:#39998D }
```

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

Here you see how a box with a 4 pixel #39998D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #39998D; -webkit-box-shadow:4px 4px  
4px 4px #39998D; box-shadow:4px 4px 4px  
4px #39998D }
```

Background

The CSS property to change the background color of an element to Hex 39998D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#39998D }
```

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

```
.background{ background-color:#39998D }
```

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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