

Converting Colors

Hex(09968C)

Have a look what the booklet for
Hex(09968C) contains.

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Color

Hex(09968C)

Conversions

Conversions Part 1

Format	Color
Hex	09968C
RGB	9, 150, 140
RGB Percent	4%, 59%, 55%
CMY	0.9647, 0.4118, 0.4510
CMYK	0.94, 0.00, 0.07, 0.41
HSL	176°, 89%, 31%
HSV	176°, 94%, 59%
XYZ	15.7526, 23.7642, 28.5676
YIQ	106.7010, -80.8260, -33.0020

Conversions

Conversions Part 2

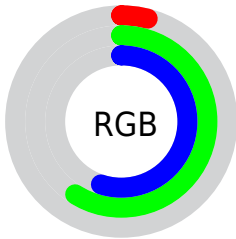
Format	Color
RYB	9, 82, 150
Decimal	628364
CIELab	55.85, -35.06, -4.16
CIELCh	56, 35.301, 186.761
Yxy	23.7642, 0.2314, 0.3490
Android (android.graphics.Color)	4278818444 (0xFF09968C)
YUV	106.7010, 16.4164, -85.6838
Hunter-Lab	48.7486, -27.6294, -0.6212

Details

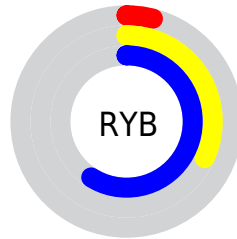
The Hex color **09968C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960913**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5ACDC1**, and **00625A** is the 20% darker color. If you saturate the color by 10%, you get **00968B**, and if you desaturate by 10%, it is **18968D**.

Distribution



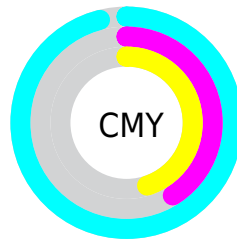
- Red (4%)
- Green (59%)
- Blue (55%)



- Red (4%)
- Yellow (32%)
- Blue (59%)



- Cyan (94%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (96%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09968C 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 09968C by changing the saturation by 10% instead.

 09968C

 09968C

FFFFFF

 007C73

 5ACDC1

 00625A

 79E9DD

 004A43

 96FFFA

 00322D

 B3FFFF

 001D18

 D1FFFF

 000000

 EFFFFFF

 09968C

 09968C

 00968B

 18968D

■ 27968E

■ 36968F

■ 459690

■ 549691

■ 639692

■ 729693

■ 819695

■ 909696

Harmonies

Analogous

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



4B946D



09968C



0095AA

Triad

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



09968C



927BB7



AD7C4E

Complementary

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



09968C



960913

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.



BE7263



09968C



B2719F

Square

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



09968C



6387C2



C06D80



938648

Rectangle

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



09968C



0092B8



C06D80



B47853

Sweetspot

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



09968C



8CC2BE



159609



40615F



E0E0E0



616161

Same Dimension

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



09968C



00C2B4



095B96



434A49



008A80



000A09

Inverse Universe

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



960913



C2000E



964409



4A4343



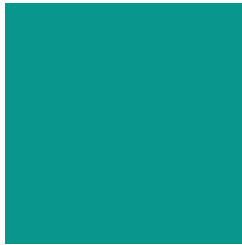
8A000A



0A0001

Previews

White Background



This preview shows how the Hex color 09968C looks on a white background.

Color Contrast Check

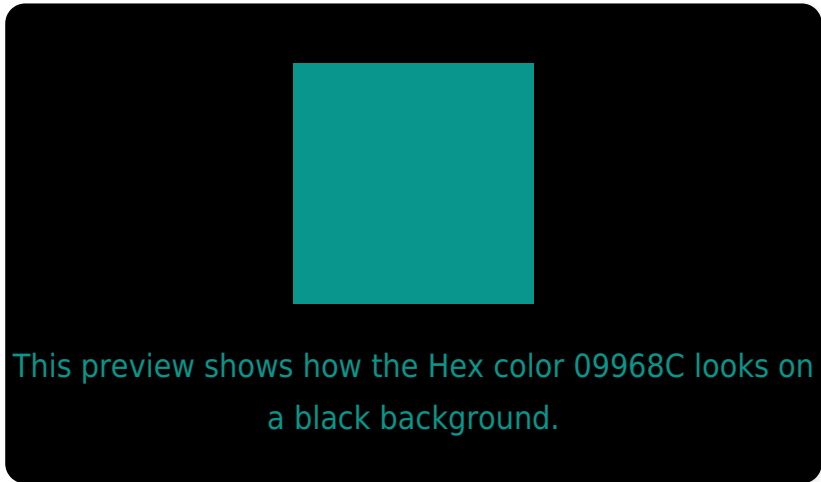
Large Text (above 18pt) WCAG AA ✓ Pass

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

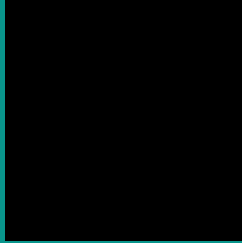
Any Text WCAG AA ✓ Pass

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 09968C Background



This preview shows how black text looks on a background with the Hex color 09968C.

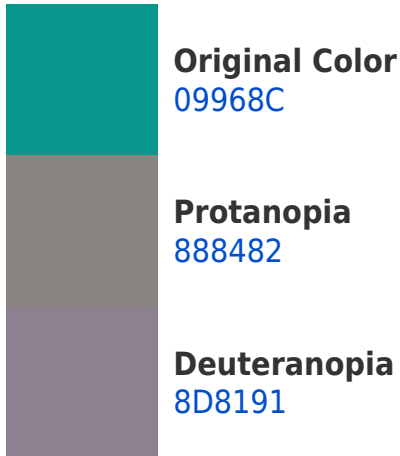


This preview shows how white text looks on a background with the Hex color 09968C.

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
24939F

Trichromacy



Original Color
09968C



Protanomaly
5A8B86



Deuteranomaly
5D898F



Tritanomaly
1A9498

Monochromacy



Original Color
09968C



Achromatopsia
6B6B6B



Achromatomaly
477B77

CSS Examples

Text

The CSS property to change the color of the text to Hex 09968C 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 #09968C looks like.

```
.text, #text, p{  
    color:#09968C  
}
```

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 #09968C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09968C
}
```

Border

The CSS property to change the border of an element to Hex 09968C 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
#09968C }
```

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

```
.border{ border-color:#09968C }
```

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

Here you see how a box with a 4 pixel #09968C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09968C; -webkit-box-shadow:4px 4px  
4px 4px #09968C; box-shadow:4px 4px 4px  
4px #09968C }
```

Background

The CSS property to change the background color of an element to Hex 09968C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09968C }
```

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

```
.background{ background-color:#09968C }
```

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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