

Converting Colors

Hex(09828F)

Have a look what the booklet for
Hex(09828F) contains.

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Color

Hex(09828F)

Conversions

Conversions Part 1

Format	Color
Hex	09828F
RGB	9, 130, 143
RGB Percent	4%, 51%, 56%
CMY	0.9647, 0.4902, 0.4392
CMYK	0.94, 0.09, 0.00, 0.44
HSL	186°, 88%, 30%
HSV	186°, 94%, 56%
XYZ	13.0532, 18.0065, 28.7742
YIQ	95.3030, -76.2890, -21.6090

Conversions

Conversions Part 2

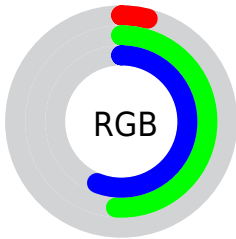
Format	Color
RYB	9, 73, 143
Decimal	623247
CIELab	49.50, -24.38, -15.41
CIElCh	50, 28.839, 212.292
Yxy	18.0065, 0.2182, 0.3009
Android (android.graphics.Color)	4278813327 (0xFF09828F)
YUV	95.3030, 23.5146, -75.6877
Hunter-Lab	42.4341, -19.3510, -10.5002

Details

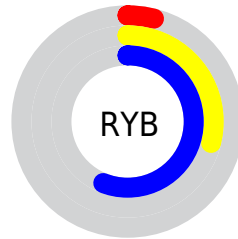
The Hex color **09828F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F1609**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57B7C5**, and **00505D** is the 20% darker color. If you saturate the color by 10%, you get **00818F**, and if you desaturate by 10%, it is **17838F**.

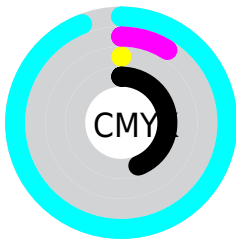
Distribution



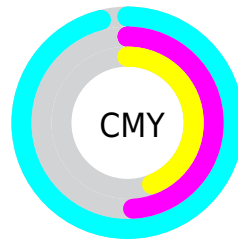
- Red (4%)
- Green (51%)
- Blue (56%)



- Red (4%)
- Yellow (29%)
- Blue (56%)



- Cyan (94%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)




- Cyan (96%)
- Magenta (49%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09828F 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 09828F by changing the saturation by 10% instead.

 09828F

 09828F

FFFFFF

 006975

 57B7C5

 00505D

 75D3E1

 003945

 92F0FD

 00232F

 AFFFFFF

 00011B

 CCFFFF

 000000

 EAFFFF

 09828F

 09828F

 00818F

 17838F

■ 26858F

■ 34868F

■ 42888F

■ 51898F

■ 5F8A8F

■ 6D8C8F

■ 7B8D8F

■ 8A8E8F

Harmonies

Analogous

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



2B8377



09828F



297EA0

Triad

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



09828F



96668D



847544

Complementary

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



09828F



8F1609

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.



986C4B



09828F



A46375

Square

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



09828F



7B6F9F



A4655D



6A7C4B

Rectangle

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



09828F



477AA6



A4655D



8B7245

Sweetspot

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



09828F



86B5BA



098F14



3E5B5E



DEDEDE



5E5E5E

Same Dimension

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



09828F



00A8BA



09418F



404747



007A87



000708

Inverse Universe

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



8F0982



BA00A8



8F5709



474047



87007A



080007

Previews

White Background



This preview shows how the Hex color 09828F looks on a white background.

Color Contrast Check

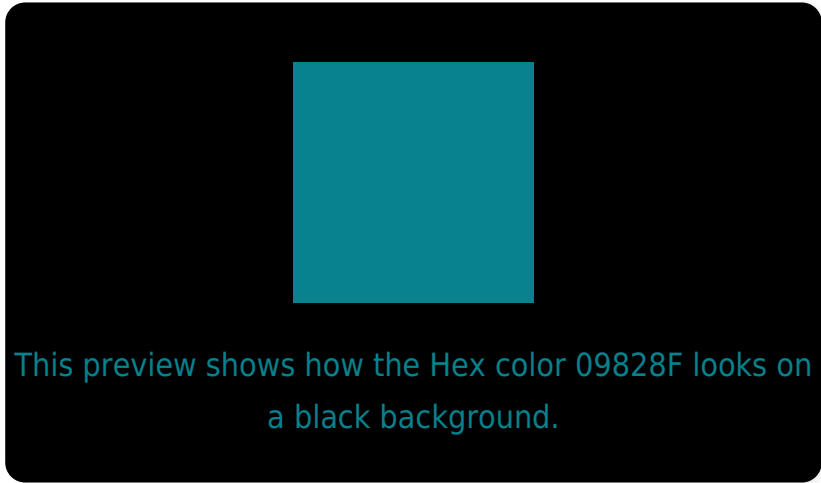
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

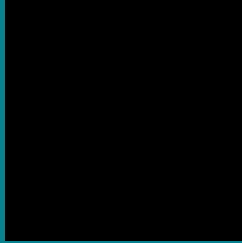
Any Text WCAG AA ✓ Pass

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 09828F Background



This preview shows how black text looks on a background with the Hex color 09828F.

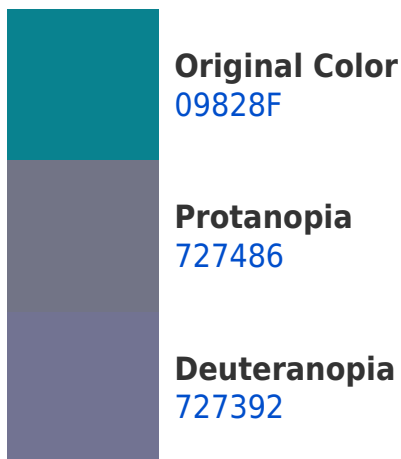


This preview shows how white text looks on a background with the Hex color 09828F.

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
00828D

Trichromacy



Original Color
09828F

Protanomaly
4C7989

Deuteranomaly
4C7891

Tritanomaly
03828E

Monochromacy



Original Color
09828F

Achromatopsia
5F5F5F

Achromatomaly
406C70

CSS Examples

Text

The CSS property to change the color of the text to Hex 09828F 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 #09828F looks like.

```
.text, #text, p{  
    color:#09828F  
}
```

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 #09828F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09828F
}
```

Border

The CSS property to change the border of an element to Hex 09828F 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
#09828F }
```

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

```
.border{ border-color:#09828F }
```

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

Here you see how a box with a 4 pixel #09828F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09828F; -webkit-box-shadow:4px 4px  
4px 4px #09828F; box-shadow:4px 4px 4px  
4px #09828F }
```

Background

The CSS property to change the background color of an element to Hex 09828F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09828F }
```

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

```
.background{ background-color:#09828F }
```

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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