

Converting Colors

Hex(00948A)

Have a look what the booklet for
Hex(00948A) contains.

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Color

Hex(00948A)

Conversions

Conversions Part 1

Format	Color
Hex	00948A
RGB	0, 148, 138
RGB Percent	0%, 58%, 54%
CMY	1.0000, 0.4196, 0.4588
CMYK	1.00, 0.00, 0.07, 0.42
HSL	176°, 100%, 29%
HSV	176°, 100%, 58%
XYZ	15.1773, 23.0148, 27.6871
YIQ	102.6080, -84.9980, -34.4860

Conversions

Conversions Part 2

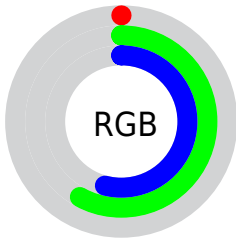
Format	Color
RYB	0, 77, 148
Decimal	38026
CIELab	55.09, -35.15, -4.14
CIELCh	55, 35.393, 186.722
Yxy	23.0148, 0.2304, 0.3493
Android (android.graphics.Color)	4278228106 (0xFF00948A)
YUV	102.6080, 17.4483, -89.9872
Hunter-Lab	47.9737, -27.4823, -0.6365

Details

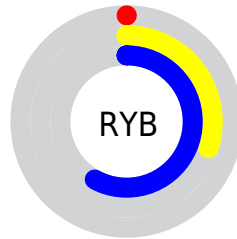
The Hex color **00948A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **94000A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **58CBBF**, and **006058** is the 20% darker color. If you saturate the color by 10%, you get **00948A**, and if you desaturate by 10%, it is **0F948B**.

Distribution



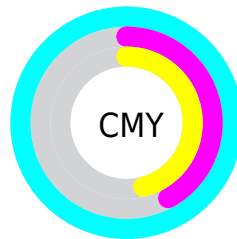
- Red (0%)
- Green (58%)
- Blue (54%)



- Red (0%)
- Yellow (30%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00948A 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 00948A by changing the saturation by 10% instead.

 00948A

 00948A

FFFFFF

 007A71

 58CBBF

 006058

 76E7DB

 004841

 93FFF8

 00302B

 B1FFFF

 001B17

 CEFFFF

 000000

 ECFFFF

 00948A

 0F948B

 1E948C

 2C948D

 3B948E

 4A948F

 599490

 689491

 769492

 859493

Harmonies

Analogous

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



48926B



00948A



0093A8

Triad

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



00948A



9079B5



AB7A4C

Complementary

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



00948A



94000A

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.



BC7061



00948A



B06F9D

Square

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



00948A



6085C0



BE6B7E



918446

Rectangle

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



00948A



0090B6



BE6B7E



B27651

Sweetspot

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



00948A



86BFBB



0C9400



3E615F



E0E0E0



616161

Same Dimension

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



00948A



00BFB2



005694



434A49



008A80



000A0A

Inverse Universe

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



94000A



BF000D



943E00



4A4343



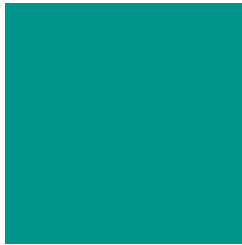
8A0009



0A0001

Previews

White Background



This preview shows how the Hex color 00948A looks on a white background.

Color Contrast Check

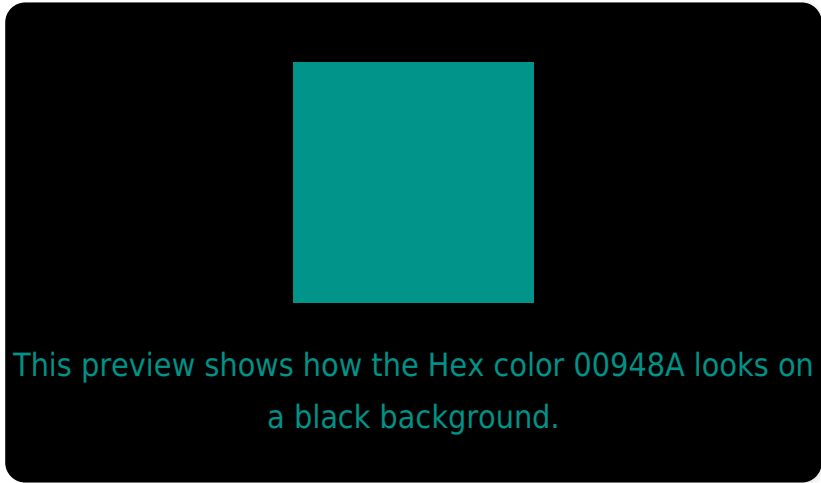
Large Text (above 18pt) WCAG AA ✓ Pass

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

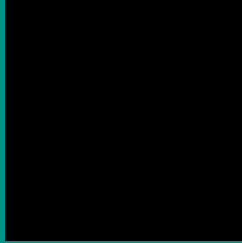
Any Text WCAG AA ✓ Pass

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 00948A Background



This preview shows how black text looks on a background with the Hex color 00948A.

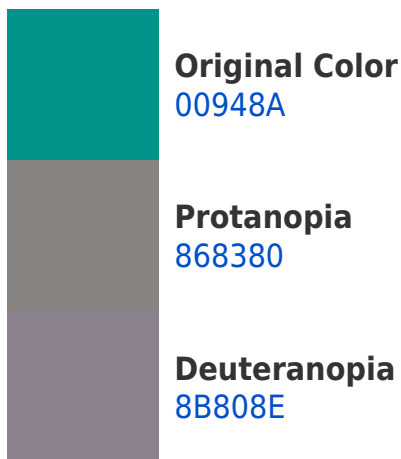


This preview shows how white text looks on a background with the Hex color 00948A.

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
23919D

Trichromacy



Original Color
00948A



Protanomaly
558984



Deuteranomaly
58878D



Tritanomaly
169296

Monochromacy



Original Color
00948A



Achromatopsia
676767



Achromatomaly
427774

CSS Examples

Text

The CSS property to change the color of the text to Hex 00948A 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 #00948A looks like.

```
.text, #text, p{  
    color:#00948A  
}
```

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 #00948A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00948A
}
```

Border

The CSS property to change the border of an element to Hex 00948A 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
#00948A }
```

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

```
.border{ border-color:#00948A }
```

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

Here you see how a box with a 4 pixel #00948A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00948A; -webkit-box-shadow:4px 4px  
4px 4px #00948A; box-shadow:4px 4px 4px  
4px #00948A }
```

Background

The CSS property to change the background color of an element to Hex 00948A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00948A }
```

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

```
.background{ background-color:#00948A }
```

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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