

# Converting Colors

Hex(04958A)

Have a look what the booklet for  
Hex(04958A) contains.

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# Color

**Hex(04958A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	04958A
RGB	4, 149, 138
RGB Percent	2%, 58%, 54%
CMY	0.9843, 0.4157, 0.4588
CMYK	0.97, 0.00, 0.07, 0.42
HSL	175°, 95%, 30%
HSV	175°, 97%, 58%
XYZ	15.3850, 23.3557, 27.7420
YIQ	104.3910, -82.8890, -34.1610

# Conversions

## Conversions Part 2

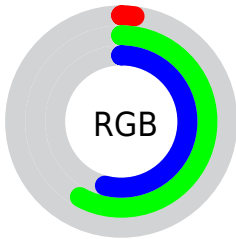
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 79, 149
Decimal	300426
CIELab	55.44, -35.42, -3.62
CIELCh	55, 35.609, 185.842
Yxy	23.3557, 0.2314, 0.3513
Android (android.graphics.Color)	4278490506 (0xFF04958A)
YUV	104.3910, 16.5692, -88.0429
Hunter-Lab	48.3277, -27.7486, -0.2054

# Details

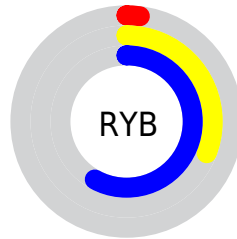
The Hex color **04958A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **95040F**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **59CCBF**, and **006158** is the 20% darker color. If you saturate the color by 10%, you get **00958A**, and if you desaturate by 10%, it is **13958B**.

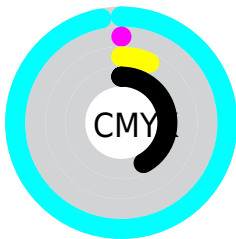
# Distribution



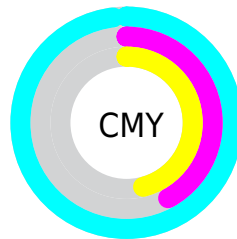
- Red (2%)
- Green (58%)
- Blue (54%)



- Red (2%)
- Yellow (31%)
- Blue (58%)



- Cyan (97%)
- Magenta (0%)
- Yellow (7%)
- Black (42%)



- Cyan (98%)
- Magenta (42%)
- Yellow (46%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 04958A 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 04958A by changing the saturation by 10% instead.



 04958A

 04958A

FFFFFF

 007B71

 59CCBF

 006158

 77E8DB

 004941

 94FFF8

 00312B

 B2FFF8

 001C17

 CFFFFF

 000000

 EDFFFF

 04958A

 04958A

 00958A

 13958B

■ 22958C

■ 31958D

■ 40958F

■ 4F9590

■ 5D9591

■ 6C9592

■ 7B9593

■ 8A9594

# Harmonies

## Analogous

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



4A936A



04958A



0094A8

# Triad

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



04958A



907AB7



AD7A4D

# Complementary

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



04958A



95040F

# 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.



BD7062



04958A



B0709F

# Square

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



04958A



5F86C2



BF6C80



928546

# Rectangle

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



04958A



0091B7



BF6C80



B47753



# Sweetspot

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



04958A



8AC2BE



109504



3F615E



E0E0E0



616161

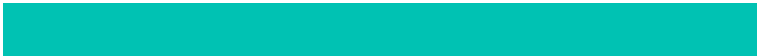


# Same Dimension

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



04958A



00C2B3



045995



434A49



008A7F



000A09



# Inverse Universe

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



95040F



C2000F



954004



4A4343



8A000A

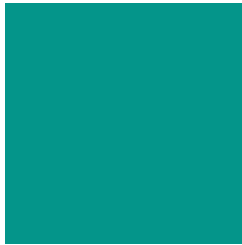


0A0001



# Previews

## White Background



This preview shows how the Hex color 04958A looks on a white background.

## Color Contrast Check

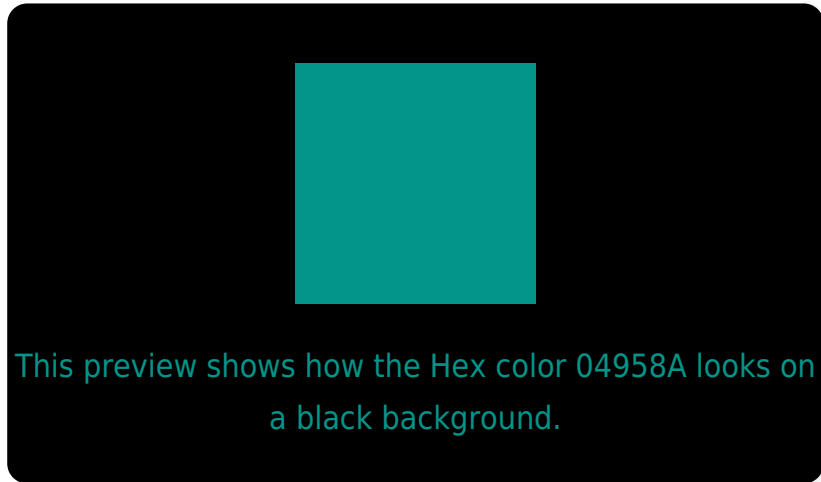
Large Text (above 18pt) WCAG AA ✓ Pass

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

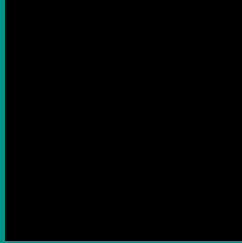
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 04958A Background



This preview shows how black text looks on a background with the Hex color 04958A.

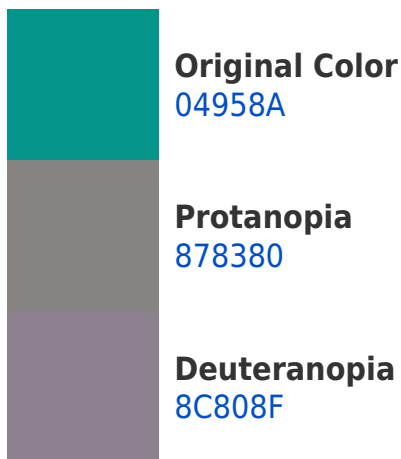


This preview shows how white text looks on a background with the Hex color 04958A.

# 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**  
24929E

# Trichromacy



**Original Color**  
04958A



**Protanomaly**  
578A84



**Deuteranomaly**  
5B888D



**Tritanomaly**  
189397

# Monochromacy



**Original Color**  
04958A



**Achromatopsia**  
686868



**Achromatomaly**  
447874

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 04958A 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 #04958A looks like.

```
.text, #text, p{  
    color:#04958A  
}
```

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 #04958A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04958A
}
```

## Border

The CSS property to change the border of an element to Hex 04958A 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
#04958A }
```

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

```
.border{ border-color:#04958A }
```

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

Here you see how a box with a 4 pixel #04958A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04958A; -webkit-box-shadow:4px 4px  
4px 4px #04958A; box-shadow:4px 4px 4px  
4px #04958A }
```

# Background

The CSS property to change the background color of an element to Hex 04958A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04958A }
```

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

```
.background{ background-color:#04958A }
```

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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