

# Converting Colors

Hex(0895A4)

Have a look what the booklet for  
Hex(0895A4) contains.

<b>Hex(0895A4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(0895A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0895A4
RGB	8, 149, 164
RGB Percent	3%, 58%, 64%
CMY	0.9686, 0.4157, 0.3569
CMYK	0.95, 0.09, 0.00, 0.36
HSL	186°, 91%, 34%
HSV	186°, 95%, 64%
XYZ	17.5484, 24.2269, 38.8733
YIQ	108.5510, -88.8510, -25.2270

# Conversions

## Conversions Part 2

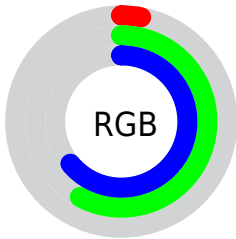
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 82, 164
Decimal	562596
CIELab	56.31, -26.99, -17.20
CIELCh	56, 32.005, 212.513
Yxy	24.2269, 0.2176, 0.3004
Android (android.graphics.Color)	4278752676 (0xFF0895A4)
YUV	108.5510, 27.3364, -88.1832
Hunter-Lab	49.2208, -22.4967, -12.3712

# Details

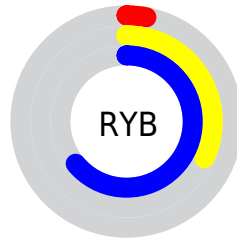
The Hex color **0895A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A41708**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5DCBDB**, and **006270** is the 20% darker color. If you saturate the color by 10%, you get **0094A4**, and if you desaturate by 10%, it is **1897A4**.

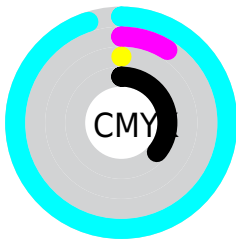
# Distribution



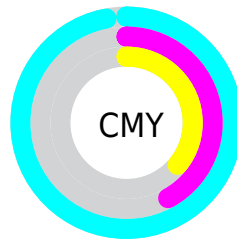
- Red (3%)
- Green (58%)
- Blue (64%)



- Red (3%)
- Yellow (32%)
- Blue (64%)



- Cyan (95%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (42%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0895A4 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 0895A4 by changing the saturation by 10% instead.





0895A4



0895A4

FFFFFF



007B8A



5DCBDB



006270



7CE8F7



004958



9AFFFF



003240



B8FFFF



001F2A



D6FFFF



000116



F4FFFF



000000



0895A4



0895A4



0094A4



1897A4

 2998A4

 399AA4

 4A9BA4

 5A9DA4

 6A9EA4

 7BA0A4

 8BA2A4

 9CA3A4

# Harmonies

## Analogous

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



319689



0895A4



3091B8

# Triad

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



0895A4



AC76A1



97864F

# Complementary

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



0895A4



A41708

# 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.



AE7C56



0895A4



BC7186

# Square

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



0895A4



8D7FB6



BC746B



7A8E57

# Rectangle

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



0895A4



528CBE



BC746B



A08350



# Sweetspot

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



0895A4



98D0D6



08A415



46676B



EBEBEB



6B6B6B



# Same Dimension

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



0895A4



00C2D6



0849A4



495152



008391



001012



# Inverse Universe

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



A40895



D600C2



A46308



524951



910083



120010



# Previews

## White Background



This preview shows how the Hex color 0895A4 looks on a white background.

## Color Contrast Check

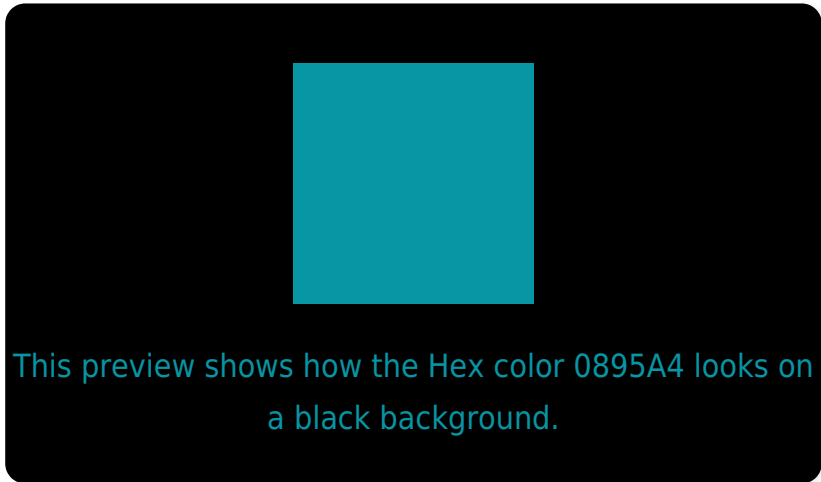
Large Text (above 18pt) WCAG AA ✓ Pass

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

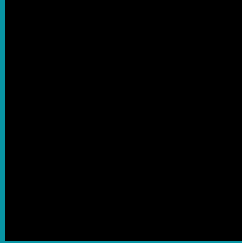
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 0895A4 Background



This preview shows how black text looks on a background with the Hex color 0895A4.

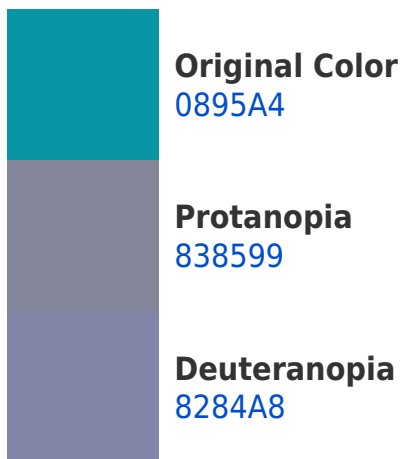


This preview shows how white text looks on a background with the Hex color 0895A4.

# 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**  
0095A1

# Trichromacy



**Original Color**  
0895A4



**Protanomaly**  
568B9D



**Deuteranomaly**  
568AA7



**Tritanomaly**  
0395A2

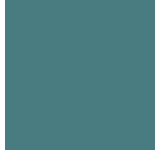
# Monochromacy



**Original Color**  
0895A4



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
487C81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0895A4 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 #0895A4 looks like.

```
.text, #text, p{  
    color:#0895A4  
}
```

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 #0895A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0895A4
}
```

## Border

The CSS property to change the border of an element to Hex 0895A4 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
#0895A4 }
```

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

```
.border{ border-color:#0895A4 }
```

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

Here you see how a box with a 4 pixel #0895A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0895A4; -webkit-box-shadow:4px 4px  
4px 4px #0895A4; box-shadow:4px 4px 4px  
4px #0895A4 }
```

# Background

The CSS property to change the background color of an element to Hex 0895A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0895A4 }
```

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

```
.background{ background-color:#0895A4 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor