

Converting Colors

Hex(0879AE)

Have a look what the booklet for
Hex(0879AE) contains.

Hex(0879AE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(0879AE)

Conversions

Conversions Part 1

Format	Color
Hex	0879AE
RGB	8, 121, 174
RGB Percent	3%, 47%, 68%
CMY	0.9686, 0.5255, 0.3176
CMYK	0.95, 0.30, 0.00, 0.32
HSL	199°, 91%, 36%
HSV	199°, 95%, 68%
XYZ	14.5775, 16.7824, 42.5154
YIQ	93.2550, -84.3610, -7.4730

Conversions

Conversions Part 2

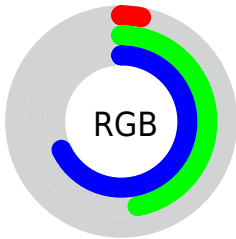
Format	Color
RYB	8, 75, 174
Decimal	555438
CIELab	47.98, -8.16, -35.86
CIELCh	48, 36.779, 257.188
Yxy	16.7824, 0.1973, 0.2272
Android (android.graphics.Color)	4278745518 (0xFF0879AE)
YUV	93.2550, 39.8073, -74.7686
Hunter-Lab	40.9663, -8.1733, -32.8556

Details

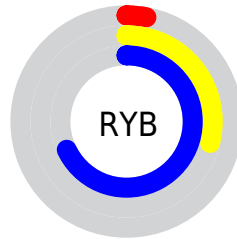
The Hex color **0879AE** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AE3D08**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5CADE6**, and **004979** is the 20% darker color. If you saturate the color by 10%, you get **0076AE**, and if you desaturate by 10%, it is **197FAE**.

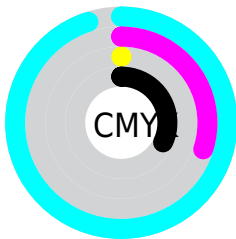
Distribution



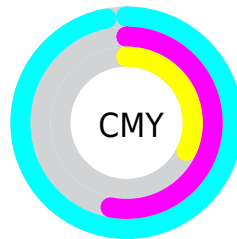
- Red (3%)
- Green (47%)
- Blue (68%)



- Red (3%)
- Yellow (29%)
- Blue (68%)



- Cyan (95%)
- Magenta (30%)
- Yellow (0%)
- Black (32%)



- Cyan (97%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0879AE 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 0879AE by changing the saturation by 10% instead.

■ 0879AE

■ 0879AE

FFFFFF

■ 006093

■ 5CADE6

■ 004979

■ 7BC8FF

■ 003260

■ 99E4FF

■ 001E48

■ B6FFFF

■ 000431

■ D4FFFF

■ 00011B

■ F2FFFF

■ 000000

■ 0879AE

■ 0879AE

■ 0076AE

■ 197FAE

■ 2B84AE

■ 3C8AAE

■ 4E8FAE

■ 5F95AE

■ 709AAE

■ 82A0AE

■ 93A5AE

■ A5ABAE

Harmonies

Analogous

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



007F9F



0879AE



5F6FAD

Triad

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



0879AE



AD5961



507D46

Complementary

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



0879AE



AE3D08

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.



737634



0879AE



A46046

Square

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



0879AE



A55A81



906B34



198163

Rectangle

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



0879AE



7E67A3



906B34



5C7B3F

Sweetspot

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



0879AE



A1CEE3



08AE3D



4B6673



F2F2F2



737373

Same Dimension

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



0879AE



009AE3



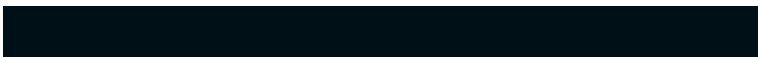
0826AE



4E5457



006696



001017

Inverse Universe

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



AE0879



E3009A



AE9008



574E54



960066



170010

Previews

White Background



This preview shows how the Hex color 0879AE 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



This preview shows how the Hex color 0879AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

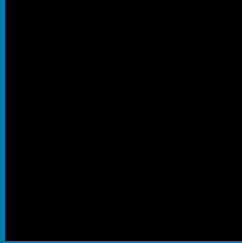
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 0879AE Background



This preview shows how black text looks on a background with the Hex color 0879AE.

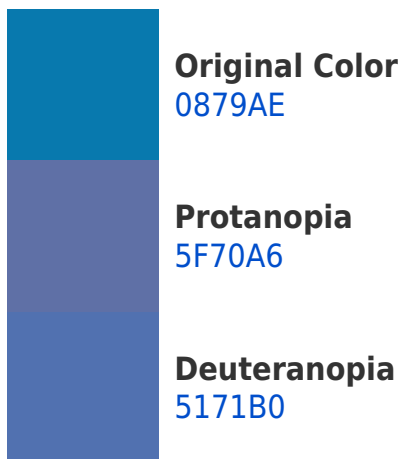


This preview shows how white text looks on a background with the Hex color 0879AE.

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



Trichromacy



Original Color
0879AE

Protanomaly
3F73A9

Deuteranomaly
3674AF

Monochromacy



Original Color
0879AE

Achromatopsia
5D5D5D

Achromatomaly
3E677A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0879AE 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 #0879AE looks like.

```
.text, #text, p{  
    color:#0879AE  
}
```

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 #0879AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0879AE
}
```

Border

The CSS property to change the border of an element to Hex 0879AE 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
#0879AE }
```

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

```
.border{ border-color:#0879AE }
```

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

Here you see how a box with a 4 pixel #0879AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0879AE; -webkit-box-shadow:4px 4px  
4px 4px #0879AE; box-shadow:4px 4px 4px  
4px #0879AE }
```

Background

The CSS property to change the background color of an element to Hex 0879AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0879AE }
```

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

```
.background{ background-color:#0879AE }
```

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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