

Converting Colors

Hex(0089A7)

Have a look what the booklet for
Hex(0089A7) contains.

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Color

Hex(0089A7)

Conversions

Conversions Part 1

Format	Color
Hex	0089A7
RGB	0, 137, 167
RGB Percent	0%, 54%, 65%
CMY	1.0000, 0.4627, 0.3451
CMYK	1.00, 0.18, 0.00, 0.35
HSL	191°, 100%, 33%
HSV	191°, 100%, 65%
XYZ	15.9207, 20.6813, 39.7120
YIQ	99.4570, -91.2820, -19.7140

Conversions

Conversions Part 2

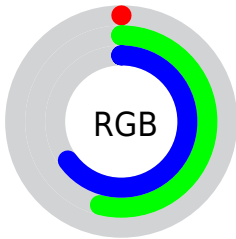
Format	Color
RYB	0, 75, 167
Decimal	35239
CIELab	52.60, -20.06, -24.62
CIElCh	53, 31.761, 230.822
Yxy	20.6813, 0.2086, 0.2710
Android (android.graphics.Color)	4278225319 (0xFF0089A7)
YUV	99.4570, 33.2987, -87.2238
Hunter-Lab	45.4767, -17.0942, -19.9405

Details

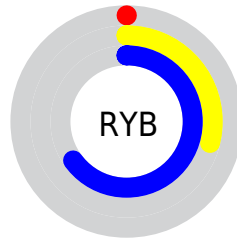
The Hex color **0089A7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A71E00**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5BBFDE**, and **005773** is the 20% darker color. If you saturate the color by 10%, you get **0089A7**, and if you desaturate by 10%, it is **118CA7**.

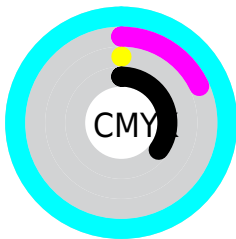
Distribution



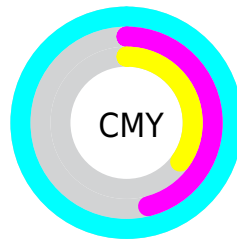
- Red (0%)
- Green (54%)
- Blue (65%)



- Red (0%)
- Yellow (29%)
- Blue (65%)



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (35%)




- Cyan (100%)
- Magenta (46%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0089A7 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 0089A7 by changing the saturation by 10% instead.

 0089A7

 0089A7

FFFFFF

 006F8D

 5BBFDE

 005773

 79DAFB

 003F5A


 97F7FF

 002943

 B5FFFF

 00132C


 D3FFFF

 000117

 F1FFFF

 000000

 0089A7

 118CA7

■ 218FA7

■ 3292A7

■ 4395A7

■ 5398A7

■ 649BA7

■ 759EA7

■ 86A1A7

■ 96A4A7

Harmonies

Analogous

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



008C90



0089A7



4583B3

Triad

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



0089A7



AD6987



7C824A

Complementary

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



0089A7



A71E00

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.



977947



0089A7



B2696C

Square

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



0089A7



9870A0



AA7054



5D885A

Rectangle

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



0089A7



667DB3



AA7054



867F47

Sweetspot

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



0089A7



98CDD9



00A71C



46676E



EDEDED



6E6E6E

Same Dimension

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



0089A7



00B2D9



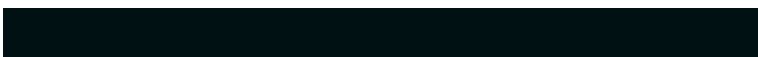
0038A7



4C5354



007994



001114

Inverse Universe

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



A70089



D900B2



A76F00



544C53



940079



140011

Previews

White Background



This preview shows how the Hex color 0089A7 looks on a white background.

Color Contrast Check

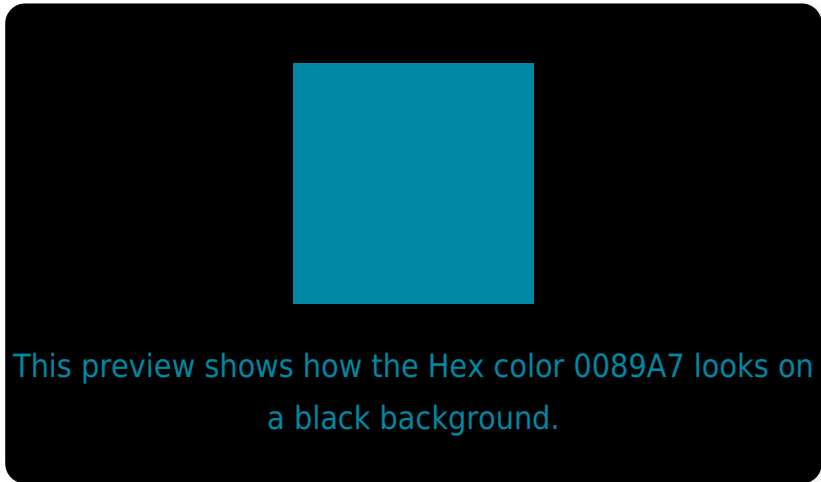
Large Text (above 18pt) WCAG AA ✓ Pass

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

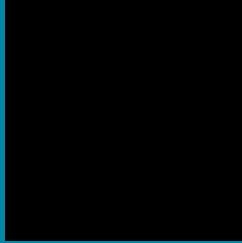
Any Text WCAG AA ✓ Pass

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 0089A7 Background



This preview shows how black text looks on a background with the Hex color 0089A7.

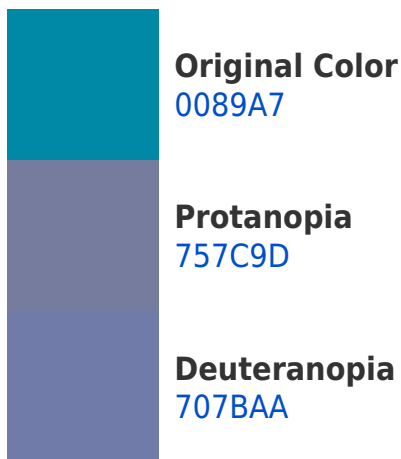


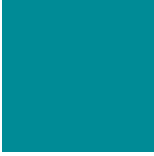
This preview shows how white text looks on a background with the Hex color 0089A7.

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



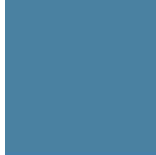


Tritanopia
008B96

Trichromacy



Original Color
0089A7



Protanomaly
4A81A1



Deuteranomaly
4780A9



Tritanomaly
008A9C

Monochromacy



Original Color
0089A7



Achromatopsia
636363



Achromatomaly
3F717C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0089A7 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 #0089A7 looks like.

```
.text, #text, p{  
    color:#0089A7  
}
```

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 #0089A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0089A7
}
```

Border

The CSS property to change the border of an element to Hex 0089A7 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
#0089A7 }
```

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

```
.border{ border-color:#0089A7 }
```

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

Here you see how a box with a 4 pixel #0089A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0089A7; -webkit-box-shadow:4px 4px  
4px 4px #0089A7; box-shadow:4px 4px 4px  
4px #0089A7 }
```

Background

The CSS property to change the background color of an element to Hex 0089A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0089A7 }
```

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

```
.background{ background-color:#0089A7 }
```

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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