

Converting Colors

Hex(0087AE)

Have a look what the booklet for
Hex(0087AE) contains.

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Color

Hex(0087AE)

Conversions

Conversions Part 1

Format	Color
Hex	0087AE
RGB	0, 135, 174
RGB Percent	0%, 53%, 68%
CMY	1.0000, 0.4706, 0.3176
CMYK	1.00, 0.22, 0.00, 0.32
HSL	193°, 100%, 34%
HSV	193°, 100%, 68%
XYZ	16.3040, 20.3839, 43.1196
YIQ	99.0810, -92.9790, -16.4910

Conversions

Conversions Part 2

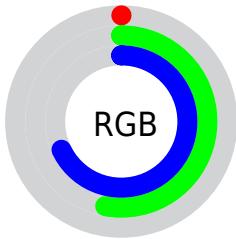
Format	Color
RYB	0, 76, 174
Decimal	34734
CIELab	52.27, -16.45, -29.17
CIELCh	52, 33.484, 240.582
Yxy	20.3839, 0.2043, 0.2554
Android (android.graphics.Color)	4278224814 (0xFF0087AE)
YUV	99.0810, 36.9351, -86.8940
Hunter-Lab	45.1486, -14.5505, -25.0215

Details

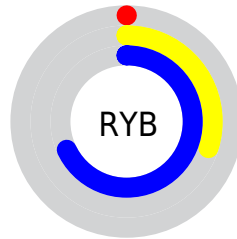
The Hex color **0087AE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AE2700**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5CBCE6**, and **005579** is the 20% darker color. If you saturate the color by 10%, you get **0087AE**, and if you desaturate by 10%, it is **118BAE**.

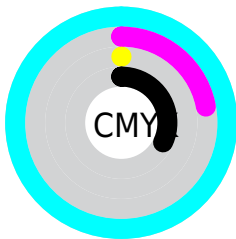
Distribution



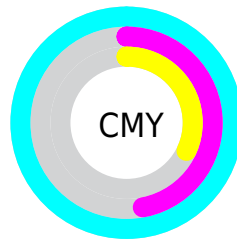
- Red (0%)
- Green (53%)
- Blue (68%)



- Red (0%)
- Yellow (30%)
- Blue (68%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (47%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0087AE 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 0087AE by changing the saturation by 10% instead.

0087AE

0087AE

FFFFFF

006E93

5CBCE6

005579

7BD8FF

003E60

99F5FF

002848

B6FFFF

001232

D4FFFF

00021C

F3FFFF

000000

0087AE

118BAE

 238FAE

 3493AE

 4697AE

 579BAE

 689EAE

 7AA2AE

 8BA6AE

 9DAAAE

Harmonies

Analogous

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



008B99



0087AE



517FB6

Triad

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



0087AE



B2667D



71844A

Complementary

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



0087AE



AE2700

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.



8E7B42



0087AE



B36861

Square

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



0087AE



A16B99



A5714B



4E895F

Rectangle

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



0087AE



7279B2



A5714B



7B8146

Sweetspot

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



0087AE



9FD4E3



00AE26



496973



F2F2F2



737373

Same Dimension

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



0087AE



00B0E3



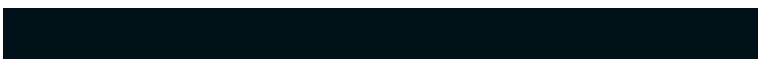
0031AE



4E5557



007596



001217

Inverse Universe

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



AE0087



E300B0



AE7D00



574E55



960075



170012

Previews

White Background



This preview shows how the Hex color 0087AE looks on a white background.

Color Contrast Check

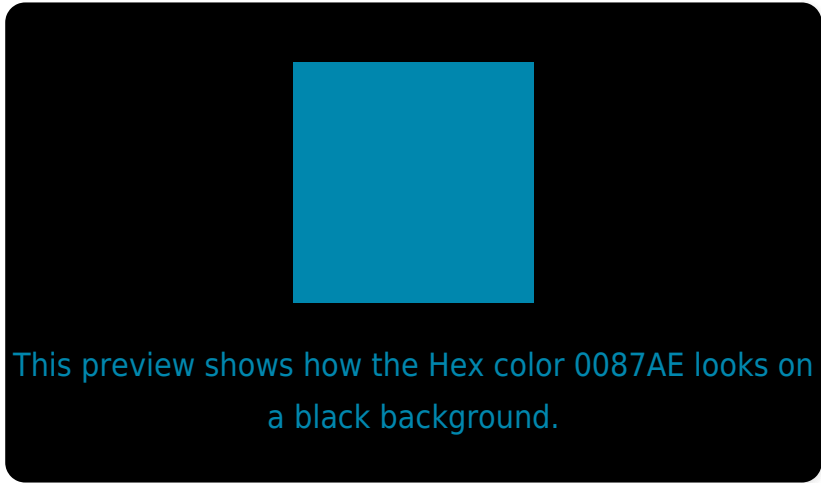
Large Text (above 18pt) WCAG AA ✓ Pass

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

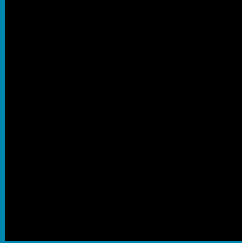
Any Text WCAG AA ✓ Pass

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 0087AE Background



This preview shows how black text looks on a background with the Hex color 0087AE.

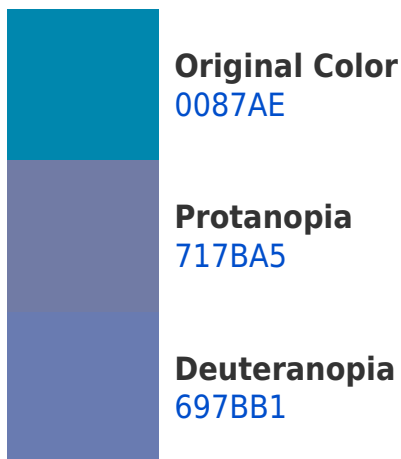


This preview shows how white text looks on a background with the Hex color 0087AE.

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](#).

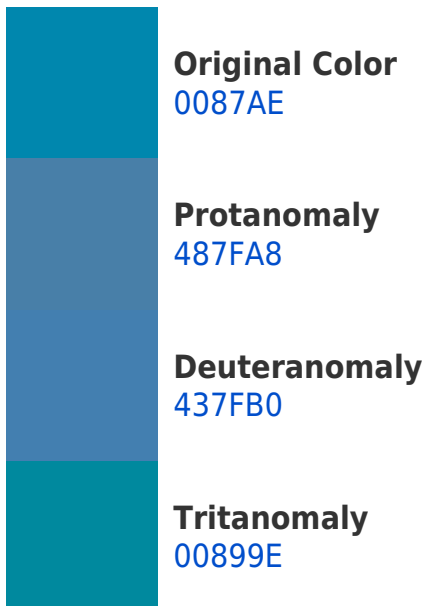
Dichromacy



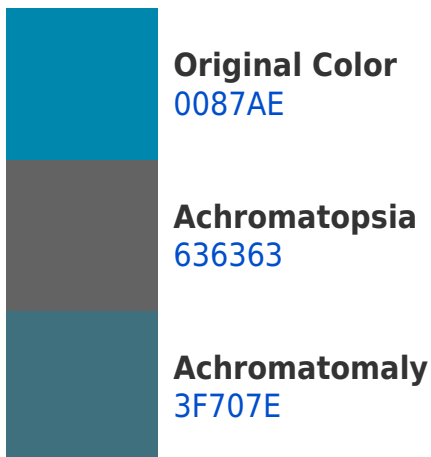


Tritanopia
008A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0087AE 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 #0087AE looks like.

```
.text, #text, p{  
    color:#0087AE  
}
```

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 #0087AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0087AE
}
```

Border

The CSS property to change the border of an element to Hex 0087AE 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
#0087AE }
```

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

```
.border{ border-color:#0087AE }
```

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

Here you see how a box with a 4 pixel #0087AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0087AE; -webkit-box-shadow:4px 4px  
4px 4px #0087AE; box-shadow:4px 4px 4px  
4px #0087AE }
```

Background

The CSS property to change the background color of an element to Hex 0087AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0087AE }
```

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

```
.background{ background-color:#0087AE }
```

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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