

Converting Colors

Hex(0087AB)

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

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Color

Hex(0087AB)

Conversions

Conversions Part 1

Format	Color
Hex	0087AB
RGB	0, 135, 171
RGB Percent	0%, 53%, 67%
CMY	1.0000, 0.4706, 0.3294
CMYK	1.00, 0.21, 0.00, 0.33
HSL	193°, 100%, 34%
HSV	193°, 100%, 67%
XYZ	16.0147, 20.2682, 41.5962
YIQ	98.7390, -92.0160, -17.4240

Conversions

Conversions Part 2

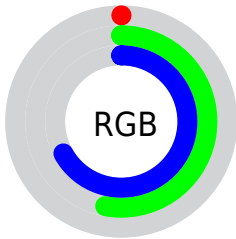
Format	Color
RYB	0, 75, 171
Decimal	34731
CIELab	52.14, -17.54, -27.64
CIELCh	52, 32.736, 237.598
Yxy	20.2682, 0.2056, 0.2603
Android (android.graphics.Color)	4278224811 (0xFF0087AB)
YUV	98.7390, 35.6247, -86.5941
Hunter-Lab	45.0202, -15.2892, -23.2665

Details

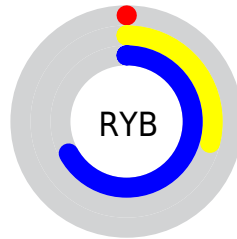
The Hex color **0087AB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2400**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5BBCE2**, and **005577** is the 20% darker color. If you saturate the color by 10%, you get **0087AB**, and if you desaturate by 10%, it is **118BAB**.

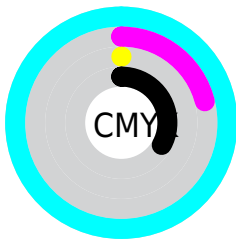
Distribution



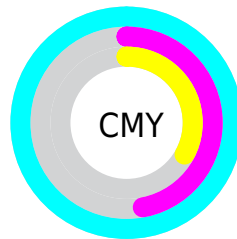
- Red (0%)
- Green (53%)
- Blue (67%)



- Red (0%)
- Yellow (29%)
- Blue (67%)



- Cyan (100%)
- Magenta (21%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (47%)
- Yellow (33%)

Brightness & Saturation Gradients

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

0087AB

0087AB

FFFFFF

006E90

5BBCE2

005577

7AD8FF

003E5E

98F5FF

002846

B6FFFF

00112F

D3FFFF

00011A

F2FFFF

000000

0087AB

118BAB

 228EAB

 3392AB

 4495AB

 5599AB

 679DAB

 78A0AB

 89A4AB

 9AA7AB

Harmonies

Analogous

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



008B95



0087AB



4D80B4

Triad

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



0087AB



B06680



748249

Complementary

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



0087AB



AB2400

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.



907A44



0087AB



B26864

Square

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



0087AB



9D6C9B



A6704E



52885D

Rectangle

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



0087AB



6E79B2



A6704E



7E8046

Sweetspot

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



0087AB



9BD0DE



00AB22



486870



F0F0F0



707070

Same Dimension

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



0087AB



00AFDE



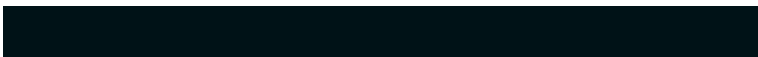
0033AB



4E5557



007796



001217

Inverse Universe

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



AB0087



DE00AF



AB7800



574E55



960077



170012

Previews

White Background



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

Color Contrast Check

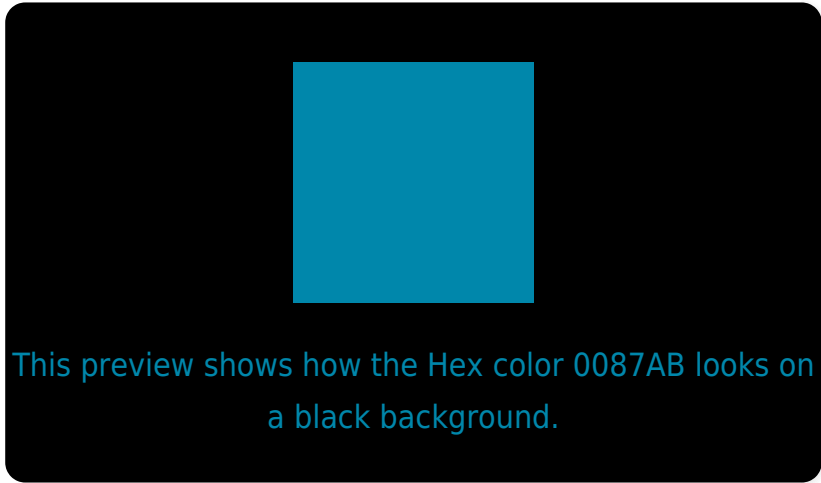
Large Text (above 18pt) WCAG AA ✓ Pass

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

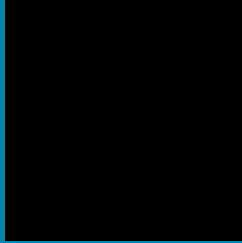
Any Text WCAG AA ✓ Pass

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 0087AB Background



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

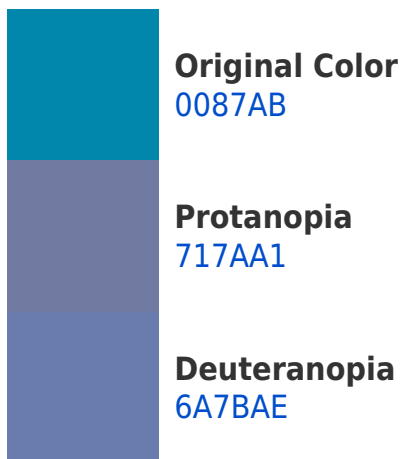


This preview shows how white text looks on a background with the Hex color 0087AB.

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
0087AB

Protanomaly
487FA5

Deuteranomaly
437FAD

Monochromacy



Original Color
0087AB

Achromatopsia
636363

Achromatomaly
3F707D

CSS Examples

Text

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

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

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 #0087AB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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