

Converting Colors

Hex(008AAB)

Have a look what the booklet for
Hex(008AAB) contains.

Hex(008AAB)	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>	29

Color

Hex(008AAB)

Conversions

Conversions Part 1

Format	Color
Hex	008AAB
RGB	0, 138, 171
RGB Percent	0%, 54%, 67%
CMY	1.0000, 0.4588, 0.3294
CMYK	1.00, 0.19, 0.00, 0.33
HSL	192°, 100%, 34%
HSV	192°, 100%, 67%
XYZ	16.4392, 21.1172, 41.7377
YIQ	100.5000, -92.8410, -18.9930

Conversions

Conversions Part 2

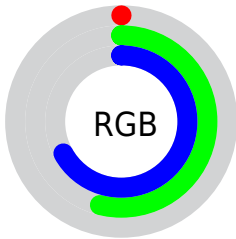
Format	Color
RYB	0, 76, 171
Decimal	35499
CIELab	53.08, -19.17, -26.19
CIElCh	53, 32.451, 233.796
Yxy	21.1172, 0.2073, 0.2663
Android (android.graphics.Color)	4278225579 (0xFF008AAB)
YUV	100.5000, 34.7565, -88.1385
Hunter-Lab	45.9535, -16.5629, -21.6832

Details

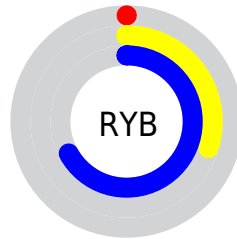
The Hex color **008AAB** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AB2100**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **5BC0E2**, and **005877** is the 20% darker color. If you saturate the color by 10%, you get **008AAB**, and if you desaturate by 10%, it is **118DAB**.

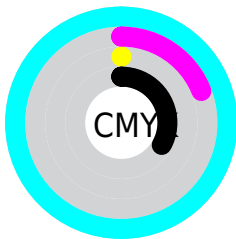
Distribution



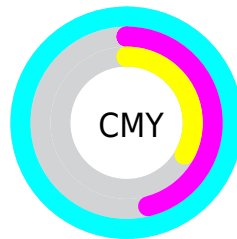
- Red (0%)
- Green (54%)
- Blue (67%)



- Red (0%)
- Yellow (30%)
- Blue (67%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (46%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008AAB 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 008AAB by changing the saturation by 10% instead.

 008AAB

 008AAB

FFFFFF

 007090

 5BC0E2

 005877

 7ADBFF

 00405E

 98F8FF

 002A46

 B6FFFF

 00152F

 D4FFFF

 00011A

 F2FFFF

 000000

 008AAB

 118DAB

 2291AB

 3394AB

 4497AB

 559AAB

 679EAB

 78A1AB

 89A4AB

 9AA8AB

Harmonies

Analogous

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



008D94



008AAB



4A83B6

Triad

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



008AAB



B06986



7A844B

Complementary

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



008AAB



AB2100

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.



967B47



008AAB



B56A6A

Square

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



008AAB



9C70A0



AB7153



5A8A5D

Rectangle

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



008AAB



6B7DB5



AB7153



848148

Sweetspot

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



008AAB



9BD1DE



00AB1F



486870



F0F0F0



707070

Same Dimension

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



008AAB



00B3DE



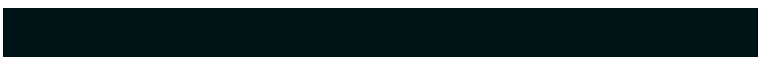
0036AB



4E5557



007996



001317

Inverse Universe

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



AB008A



DE00B3



AB7500



574E55



960079



170013

Previews

White Background



This preview shows how the Hex color 008AAB looks on a white background.

Color Contrast Check

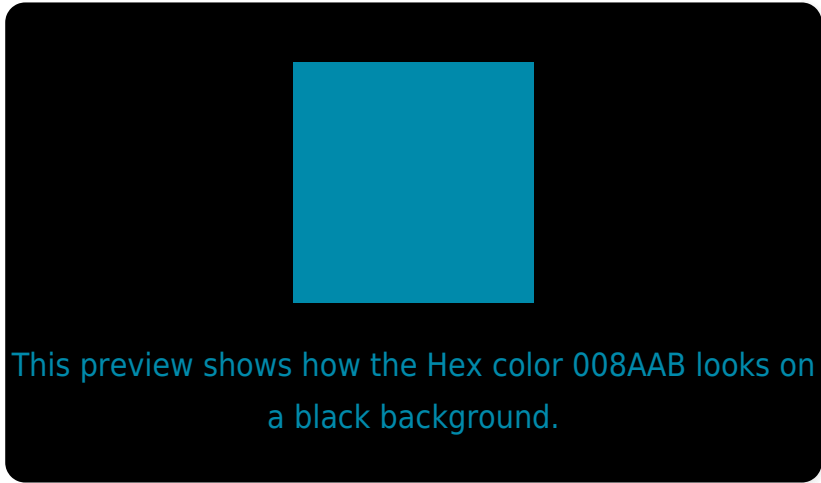
Large Text (above 18pt) WCAG AA ✓ Pass

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

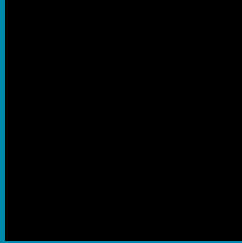
Any Text WCAG AA ✓ Pass

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 008AAB Background



This preview shows how black text looks on a background with the Hex color 008AAB.

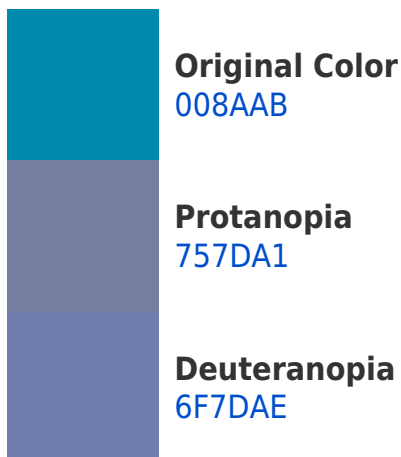


This preview shows how white text looks on a background with the Hex color 008AAB.

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
008C97

Trichromacy



Original Color
008AAB



Protanomaly
4A82A5



Deuteranomaly
4782AD



Tritanomaly
008B9E

Monochromacy



Original Color
008AAB



Achromatopsia
656565



Achromatomaly
40727E

CSS Examples

Text

The CSS property to change the color of the text to Hex 008AAB 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 #008AAB looks like.

```
.text, #text, p{  
    color:#008AAB  
}
```

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 #008AAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008AAB
}
```

Border

The CSS property to change the border of an element to Hex 008AAB 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
#008AAB }
```

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

```
.border{ border-color:#008AAB }
```

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

Here you see how a box with a 4 pixel #008AAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008AAB; -webkit-box-shadow:4px 4px  
4px 4px #008AAB; box-shadow:4px 4px 4px  
4px #008AAB }
```

Background

The CSS property to change the background color of an element to Hex 008AAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008AAB }
```

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

```
.background{ background-color:#008AAB }
```

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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