

Converting Colors

Hex(008AA3)

Have a look what the booklet for
Hex(008AA3) contains.

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Color

Hex(008AA3)

Conversions

Conversions Part 1

Format	Color
Hex	008AA3
RGB	0, 138, 163
RGB Percent	0%, 54%, 64%
CMY	1.0000, 0.4588, 0.3608
CMYK	1.00, 0.15, 0.00, 0.36
HSL	189°, 100%, 32%
HSV	189°, 100%, 64%
XYZ	15.6993, 20.8213, 37.8418
YIQ	99.5880, -90.2730, -21.4810

Conversions

Conversions Part 2

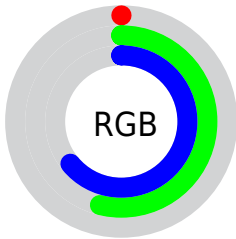
Format	Color
RYB	0, 75, 163
Decimal	35491
CIELab	52.75, -22.01, -22.08
CIElCh	53, 31.176, 225.080
Yxy	20.8213, 0.2111, 0.2800
Android (android.graphics.Color)	4278225571 (0xFF008AA3)
YUV	99.5880, 31.2621, -87.3387
Hunter-Lab	45.6304, -18.4394, -17.2286

Details

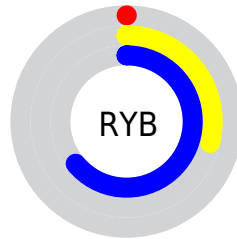
The Hex color **008AA3** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A31900**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5AC0DA**, and **00586F** is the 20% darker color. If you saturate the color by 10%, you get **008AA3**, and if you desaturate by 10%, it is **108CA3**.

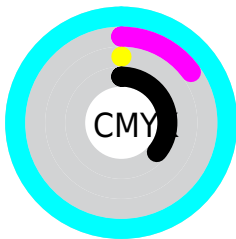
Distribution



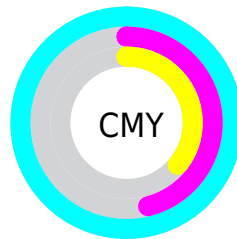
- Red (0%)
- Green (54%)
- Blue (64%)



- Red (0%)
- Yellow (29%)
- Blue (64%)



- Cyan (100%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (46%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008AA3 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 008AA3 by changing the saturation by 10% instead.

 008AA3

 008AA3

FFFFFF

 007089

 5AC0DA

 00586F

 78DCF6

 004057

 96F8FF

 002A3F

 B4FFFF

 001329

 D2FFFF

 000114

 F0FFFF

 000000

 008AA3

 108CA3

 218FA3

 3192A3

 4194A3

 5296A3

 6299A3

 729BA3

 829EA3

 93A1A3

Harmonies

Analogous

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



148C8B



008AA3



3E84B1

Triad

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



008AA3



AA6B8C



828149

Complementary

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



008AA3



A31900

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.



9B784A



008AA3



B26971

Square

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



008AA3



9272A4



AC6F59



648757

Rectangle

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



008AA3



5E7FB3



AC6F59



8B7E48

Sweetspot

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



008AA3



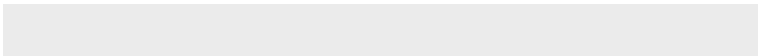
94CAD4



00A318



45656B



EBEBEB



6B6B6B

Same Dimension

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



008AA3



00B3D4



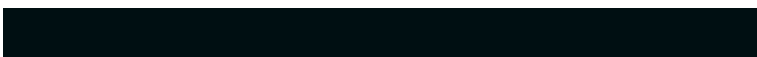
0039A3



495052



007B91



000F12

Inverse Universe

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



A3008A



D400B3



A36A00



524950



91007B



12000F

Previews

White Background



This preview shows how the Hex color 008AA3 looks on a white background.

Color Contrast Check

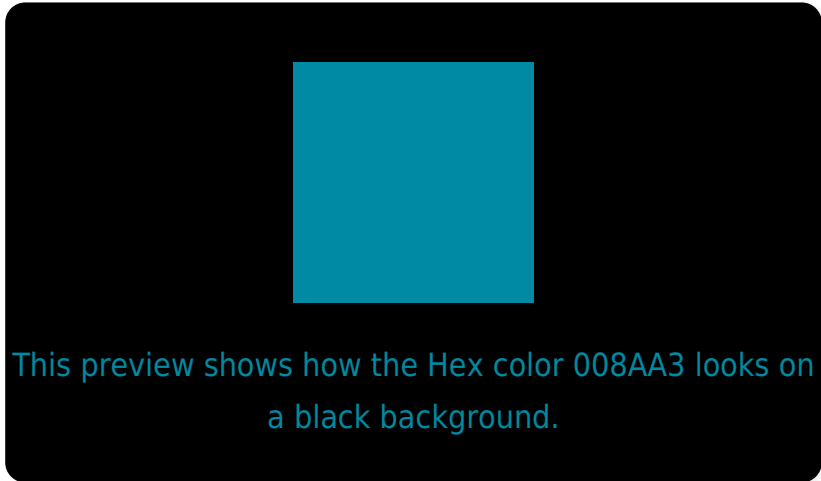
Large Text (above 18pt) WCAG AA ✓ Pass

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

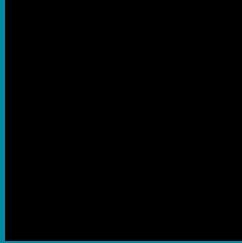
Any Text WCAG AA ✓ Pass

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 008AA3 Background



This preview shows how black text looks on a background with the Hex color 008AA3.

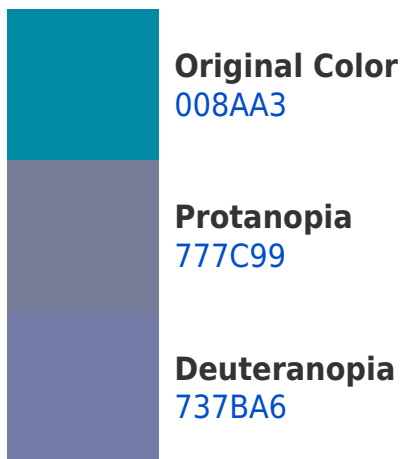


This preview shows how white text looks on a background with the Hex color 008AA3.

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



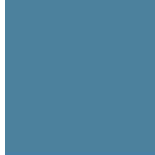


Tritanopia
008B96

Trichromacy



Original Color
008AA3



Protanomaly
4C819D



Deuteranomaly
4980A5



Tritanomaly
008B9B

Monochromacy



Original Color
008AA3



Achromatopsia
646464



Achromatomaly
40727B

CSS Examples

Text

The CSS property to change the color of the text to Hex 008AA3 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 #008AA3 looks like.

```
.text, #text, p{  
    color:#008AA3  
}
```

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 #008AA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008AA3
}
```

Border

The CSS property to change the border of an element to Hex 008AA3 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
#008AA3 }
```

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

```
.border{ border-color:#008AA3 }
```

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

Here you see how a box with a 4 pixel #008AA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008AA3; -webkit-box-shadow:4px 4px  
4px 4px #008AA3; box-shadow:4px 4px 4px  
4px #008AA3 }
```

Background

The CSS property to change the background color of an element to Hex 008AA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008AA3 }
```

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

```
.background{ background-color:#008AA3 }
```

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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