

Converting Colors

Hex(008AA2)

Have a look what the booklet for
Hex(008AA2) contains.

Hex(008AA2)	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(008AA2)

Conversions

Conversions Part 1

Format	Color
Hex	008AA2
RGB	0, 138, 162
RGB Percent	0%, 54%, 64%
CMY	1.0000, 0.4588, 0.3647
CMYK	1.00, 0.15, 0.00, 0.36
HSL	189°, 100%, 32%
HSV	189°, 100%, 64%
XYZ	15.6101, 20.7856, 37.3717
YIQ	99.4740, -89.9520, -21.7920

Conversions

Conversions Part 2

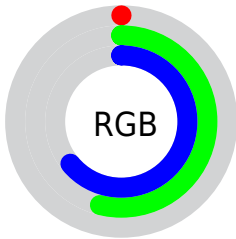
Format	Color
RYB	0, 75, 162
Decimal	35490
CIELab	52.71, -22.37, -21.56
CIELCh	53, 31.064, 223.948
Yxy	20.7856, 0.2116, 0.2818
Android (android.graphics.Color)	4278225570 (0xFF008AA2)
YUV	99.4740, 30.8253, -87.2387
Hunter-Lab	45.5912, -18.6677, -16.6869

Details

The Hex color **008AA2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A21800**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5AC0D9**, and **00586E** is the 20% darker color. If you saturate the color by 10%, you get **008AA2**, and if you desaturate by 10%, it is **108CA2**.

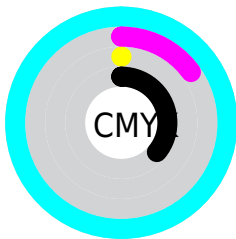
Distribution



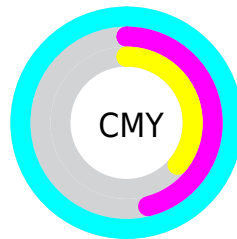
- Red (0%)
- Green (54%)
- Blue (64%)



- 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 008AA2 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 008AA2 by changing the saturation by 10% instead.

008AA2

008AA2

FFFFFF

007088

5AC0D9

00586E

78DCF5

004056

96F8FF

002A3F

B4FFFF

001329

D1FFFF

000113

EFFFFF

000000

008AA2

108CA2

 208FA2

 3191A2

 4194A2

 5196A2

 6198A2

 719BA2

 829DA2

 92A0A2

Harmonies

Analogous

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



178C8A



008AA2



3C85B1

Triad

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



008AA2



A96B8D



838049

Complementary

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



008AA2



A21800

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.



9C774B



008AA2



B26972

Square

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



008AA2



9172A4



AC6E5A



658756

Rectangle

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



008AA2



5C7FB3



AC6E5A



8C7D48

Sweetspot

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



008AA2



94CAD4



00A216



45656B



EBEBEB



6B6B6B

Same Dimension

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



008AA2



00B4D4



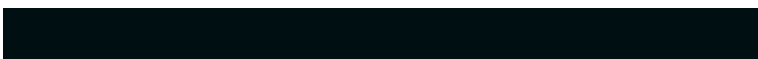
003BA2



495052



007C91



000F12

Inverse Universe

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



A2008A



D400B4



A26700



524950



91007C



12000F

Previews

White Background



This preview shows how the Hex color 008AA2 looks on a white background.

Color Contrast Check

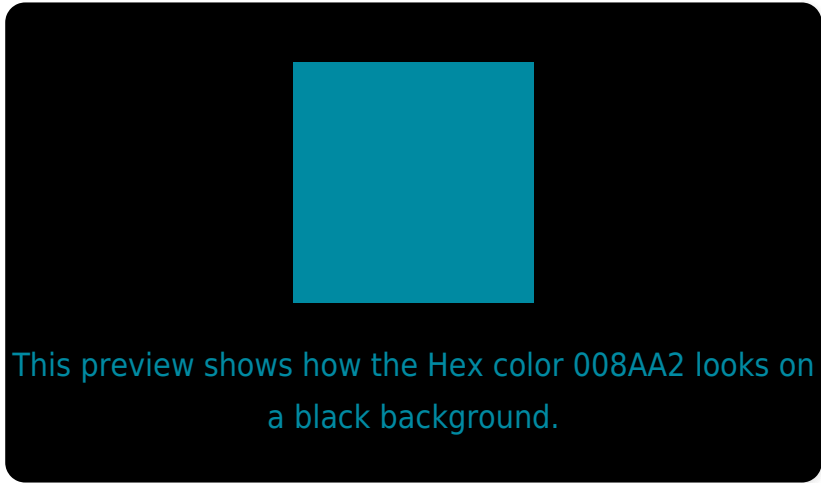
Large Text (above 18pt) WCAG AA ✓ Pass

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

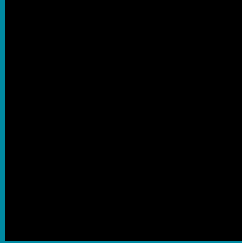
Any Text WCAG AA ✓ Pass

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 008AA2 Background



This preview shows how black text looks on a background with the Hex color 008AA2.

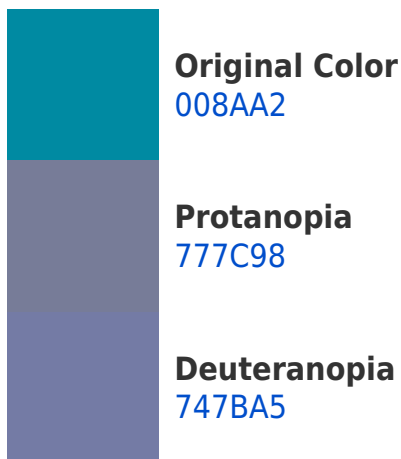


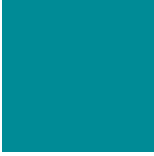
This preview shows how white text looks on a background with the Hex color 008AA2.

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



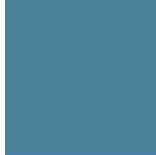


Tritanopia
008B96

Trichromacy



Original Color
008AA2



Protanomaly
4C819C



Deuteranomaly
4A80A4



Tritanomaly
008B9A

Monochromacy



Original Color
008AA2



Achromatopsia
636363



Achromatomaly
3F717A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008AA2 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 #008AA2 looks like.

```
.text, #text, p{  
    color:#008AA2  
}
```

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 #008AA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008AA2
}
```

Border

The CSS property to change the border of an element to Hex 008AA2 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
#008AA2 }
```

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

```
.border{ border-color:#008AA2 }
```

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

Here you see how a box with a 4 pixel #008AA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008AA2; -webkit-box-shadow:4px 4px  
4px 4px #008AA2; box-shadow:4px 4px 4px  
4px #008AA2 }
```

Background

The CSS property to change the background color of an element to Hex 008AA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008AA2 }
```

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

```
.background{ background-color:#008AA2 }
```

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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