

Converting Colors

Hex(008BA0)

Have a look what the booklet for
Hex(008BA0) contains.

Hex(008BA0)	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(008BA0)

Conversions

Conversions Part 1

Format	Color
Hex	008BA0
RGB	0, 139, 160
RGB Percent	0%, 55%, 63%
CMY	1.0000, 0.4549, 0.3725
CMYK	1.00, 0.13, 0.00, 0.37
HSL	188°, 100%, 31%
HSV	188°, 100%, 63%
XYZ	15.5778, 21.0033, 36.4907
YIQ	99.8330, -89.5850, -22.9370

Conversions

Conversions Part 2

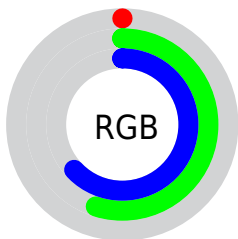
Format	Color
RYB	0, 74, 160
Decimal	35744
CIELab	52.95, -23.58, -20.04
CIELCh	53, 30.947, 220.351
Yxy	21.0033, 0.2132, 0.2874
Android (android.graphics.Color)	4278225824 (0xFF008BA0)
YUV	99.8330, 29.6623, -87.5535
Hunter-Lab	45.8294, -19.5277, -15.1279

Details

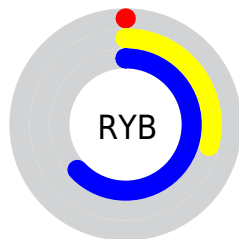
The Hex color **008BA0** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A01500**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **59C1D7**, and **00596C** is the 20% darker color. If you saturate the color by 10%, you get **008BA0**, and if you desaturate by 10%, it is **108DA0**.

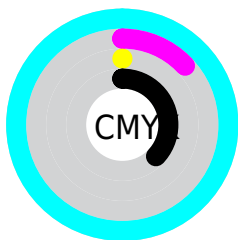
Distribution



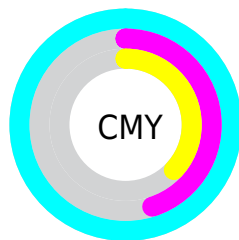
- Red (0%)
- Green (55%)
- Blue (63%)



- Red (0%)
- Yellow (29%)
- Blue (63%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (45%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008BA0 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 008BA0 by changing the saturation by 10% instead.

 008BA0

 008BA0

FFFFFF

 007186

 59C1D7

 00596C

 78DDF3

 004154


 96F9FF

 002A3D

 B3FFFF

 001427

 D1FFFF

 000112

 EFFFFFFF

 000000

 008BA0

 108DA0

 208FA0

 3091A0

 4093A0

 5096A0

 6098A0

 709AA0

 809CA0

 909EA0

Harmonies

Analogous

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



208D87



008BA0



3786B0

Triad

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



008BA0



A76C91



878049

Complementary

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



008BA0



A01500

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.



9F774D



008BA0



B26A76

Square

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



008BA0



8D74A7



AE6E5D



6A8755

Rectangle

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



008BA0



5881B3



AE6E5D



8F7D49

Sweetspot

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



008BA0



92C9D1



00A013



436469



E8E8E8



696969

Same Dimension

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



008BA0



00B6D1



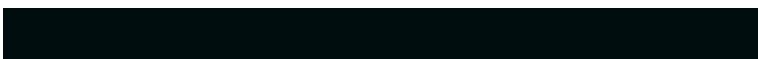
003DA0



474E4F



007C8F



000D0F

Inverse Universe

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



A0008B



D100B6



A06300



4F474E



8F007C



0F000D

Previews

White Background



This preview shows how the Hex color 008BA0 looks on a white background.

Color Contrast Check

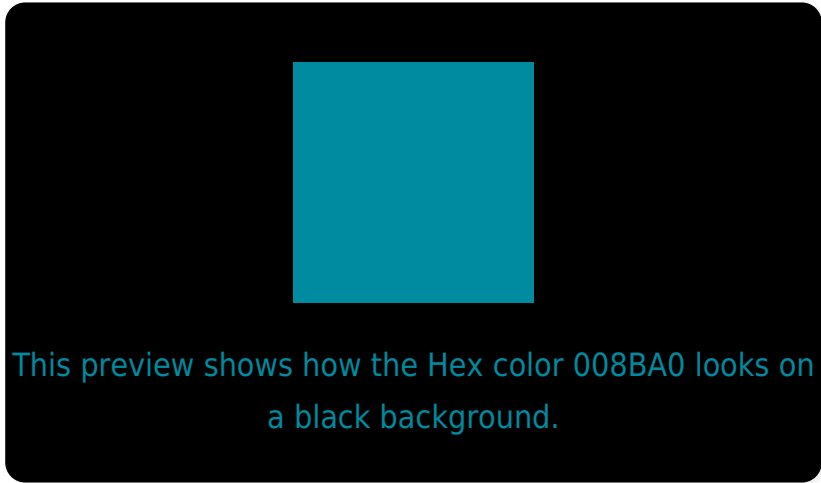
Large Text (above 18pt) WCAG AA ✓ Pass

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

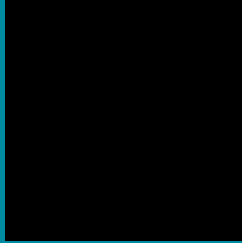
Any Text WCAG AA ✓ Pass

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 008BA0 Background



This preview shows how black text looks on a background with the Hex color 008BA0.

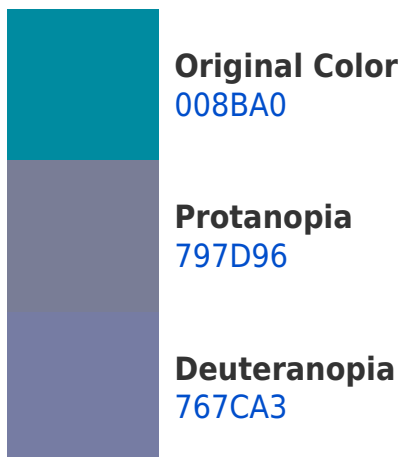


This preview shows how white text looks on a background with the Hex color 008BA0.

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
008BA0

Protanomaly
4D829A

Deuteranomaly
4B81A2

Tritanomaly
008C9A

Monochromacy



Original Color
008BA0

Achromatopsia
646464

Achromatomaly
40727A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008BA0 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 #008BA0 looks like.

```
.text, #text, p{  
    color:#008BA0  
}
```

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 #008BA0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008BA0
}
```

Border

The CSS property to change the border of an element to Hex 008BA0 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
#008BA0 }
```

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

```
.border{ border-color:#008BA0 }
```

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

Here you see how a box with a 4 pixel #008BA0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008BA0; -webkit-box-shadow:4px 4px  
4px 4px #008BA0; box-shadow:4px 4px 4px  
4px #008BA0 }
```

Background

The CSS property to change the background color of an element to Hex 008BA0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008BA0 }
```

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

```
.background{ background-color:#008BA0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor