

Converting Colors

Hex(0094B6)

Have a look what the booklet for
Hex(0094B6) contains.

Hex(0094B6)	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(0094B6)

Conversions

Conversions Part 1

Format	Color
Hex	0094B6
RGB	0, 148, 182
RGB Percent	0%, 58%, 71%
CMY	1.0000, 0.4196, 0.2863
CMYK	1.00, 0.19, 0.00, 0.29
HSL	191°, 100%, 36%
HSV	191°, 100%, 71%
XYZ	19.0334, 24.5572, 47.9928
YIQ	107.6240, -99.1220, -20.8020

Conversions

Conversions Part 2

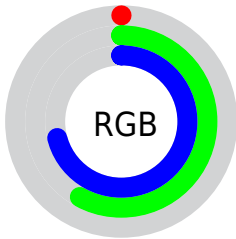
Format	Color
RYB	0, 82, 182
Decimal	38070
CIELab	56.64, -20.58, -26.96
CIELCh	57, 33.923, 232.641
Yxy	24.5572, 0.2078, 0.2681
Android (android.graphics.Color)	4278228150 (0xFF0094B6)
YUV	107.6240, 36.6674, -94.3862
Hunter-Lab	49.5552, -18.1625, -22.7320

Details

The Hex color **0094B6** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B62200**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5FCAEE**, and **006181** is the 20% darker color. If you saturate the color by 10%, you get **0094B6**, and if you desaturate by 10%, it is **1297B6**.

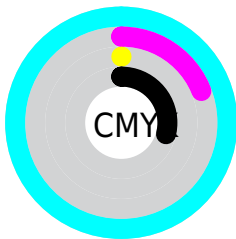
Distribution



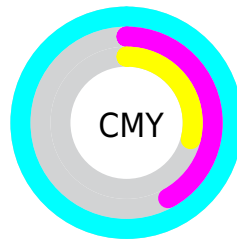
- Red (0%)
- Green (58%)
- Blue (71%)



- Red (0%)
- Yellow (32%)
- Blue (71%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0094B6 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 0094B6 by changing the saturation by 10% instead.

 0094B6

 0094B6

FFFFFF

 007A9B

 5FCAEE

 006181

 7EE6FF

 004968

 9CFFFF

 00324F

 BBFFFF

 001F38

 D9FFFF

 000223

 F7FFFF

 00000A

 000000

 0094B6

 1297B6

 249BB6

 379EB6

 49A2B6

 5BA5B6

 6DA8B6

 7FACB6

 92AFB6

 A4B3B6

Harmonies

Analogous

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



00979E



0094B6



4E8DC2

Triad

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



0094B6



BC7190



848D50

Complementary

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



0094B6



B62200

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.



A1844D



0094B6



C17273

Square

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



0094B6



A678AC



B7795A



629463

Rectangle

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



0094B6



7187C1



B7795A



8F8A4D

Sweetspot

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



0094B6



A6E0ED



00B621



4D7078



F7F7F7



787878

Same Dimension

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



0094B6



00C1ED



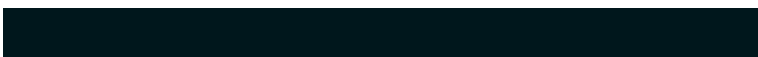
003AB6



535A5C



007E9C



00171C

Inverse Universe

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



B60094



ED00C1



B67C00



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 0094B6 looks on a white background.

Color Contrast Check

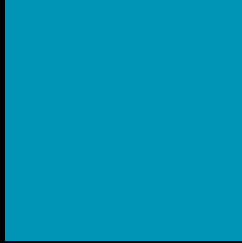
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0094B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

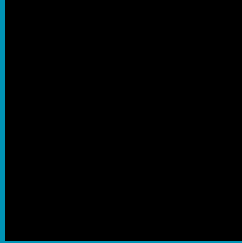
Any Text WCAG AA ✓ Pass

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 0094B6 Background



This preview shows how black text looks on a background with the Hex color 0094B6.

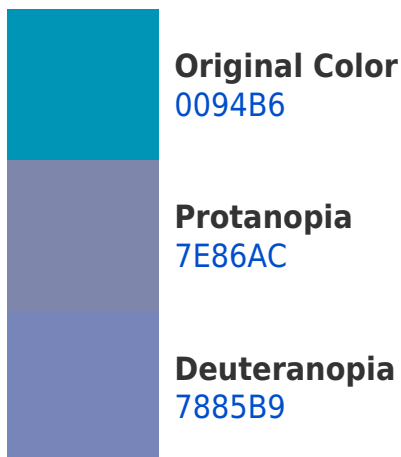


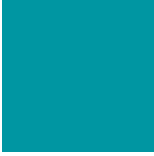
This preview shows how white text looks on a background with the Hex color 0094B6.

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
0096A2

Trichromacy



Original Color
0094B6



Protanomaly
508BB0



Deuteranomaly
4C8AB8



Tritanomaly
0095A9

Monochromacy



Original Color
0094B6



Achromatopsia
6C6C6C



Achromatomaly
457B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 0094B6 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 #0094B6 looks like.

```
.text, #text, p{  
    color:#0094B6  
}
```

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 #0094B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094B6
}
```

Border

The CSS property to change the border of an element to Hex 0094B6 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
#0094B6 }
```

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

```
.border{ border-color:#0094B6 }
```

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

Here you see how a box with a 4 pixel #0094B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094B6; -webkit-box-shadow:4px 4px  
4px 4px #0094B6; box-shadow:4px 4px 4px  
4px #0094B6 }
```

Background

The CSS property to change the background color of an element to Hex 0094B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094B6 }
```

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

```
.background{ background-color:#0094B6 }
```

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