

Converting Colors

Hex(0094B7)

Have a look what the booklet for
Hex(0094B7) contains.

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Color

Hex(0094B7)

Conversions

Conversions Part 1

Format	Color
Hex	0094B7
RGB	0, 148, 183
RGB Percent	0%, 58%, 72%
CMY	1.0000, 0.4196, 0.2824
CMYK	1.00, 0.19, 0.00, 0.28
HSL	191°, 100%, 36%
HSV	191°, 100%, 72%
XYZ	19.1371, 24.5987, 48.5391
YIQ	107.7380, -99.4430, -20.4910

Conversions

Conversions Part 2

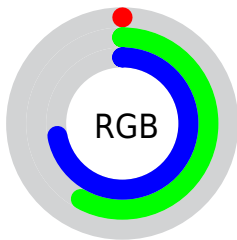
Format	Color
RYB	0, 82, 183
Decimal	38071
CIELab	56.68, -20.23, -27.47
CIELCh	57, 34.114, 233.628
Yxy	24.5987, 0.2074, 0.2666
Android (android.graphics.Color)	4278228151 (0xFF0094B7)
YUV	107.7380, 37.1042, -94.4862
Hunter-Lab	49.5971, -17.9203, -23.3073

Details

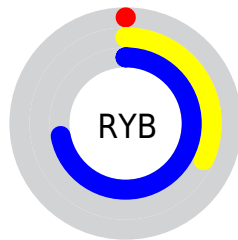
The Hex color **0094B7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B72300**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5FCAEF**, and **006182** is the 20% darker color. If you saturate the color by 10%, you get **0094B7**, and if you desaturate by 10%, it is **1297B7**.

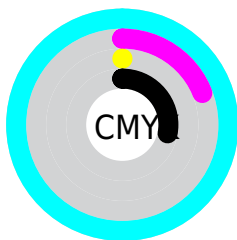
Distribution



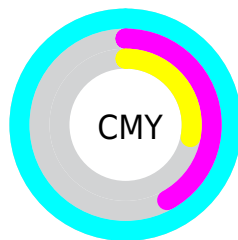
- Red (0%)
- Green (58%)
- Blue (72%)



- Red (0%)
- Yellow (32%)
- Blue (72%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (42%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0094B7 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 0094B7 by changing the saturation by 10% instead.

0094B7

0094B7

FFFFFF

007A9C

5FCAEF

006182

7EE6FF

004969

9DFFFF

003250

BBFFFF

001F39

D9FFFF

000224

F8FFFF

00000B

000000

0094B7

 1297B7

 259BB7

 379EB7

 49A2B7

 5CA5B7

 6EA9B7

 80ACB7

 92B0B7

 A5B3B7

Harmonies

Analogous

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



00979F



0094B7



4F8DC3

Triad

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



0094B7



BD7190



838D50

Complementary

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



0094B7



B72300

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.



A1844C



0094B7



C17272

Square

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



0094B7



A778AC



B77A59



619464

Rectangle

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



0094B7



7286C1



B77A59



8E8B4D

Sweetspot

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



0094B7



A6E0ED



00B722



4D7078



F7F7F7



787878

Same Dimension

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



0094B7



00C0ED



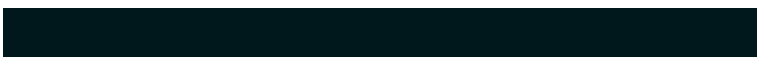
003AB7



535A5C



007E9C



00171C

Inverse Universe

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



B70094



ED00C0



B77D00



5C535A



9C007E



1C0017

Previews

White Background



This preview shows how the Hex color 0094B7 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 0094B7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

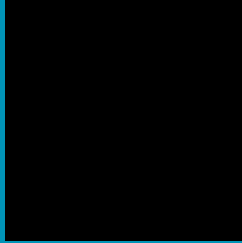
Any Text WCAG AA ✓ Pass

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 0094B7 Background



This preview shows how black text looks on a background with the Hex color 0094B7.

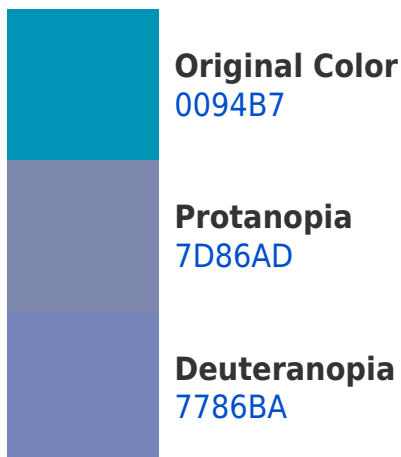


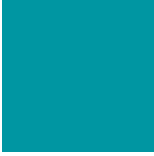
This preview shows how white text looks on a background with the Hex color 0094B7.

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
0094B7



Protanomaly
508BB1



Deuteranomaly
4C8BB9



Tritanomaly
0095AA

Monochromacy



Original Color
0094B7



Achromatopsia
6C6C6C



Achromatomaly
457B87

CSS Examples

Text

The CSS property to change the color of the text to Hex 0094B7 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 #0094B7 looks like.

```
.text, #text, p{  
    color:#0094B7  
}
```

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 #0094B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0094B7
}
```

Border

The CSS property to change the border of an element to Hex 0094B7 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
#0094B7 }
```

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

```
.border{ border-color:#0094B7 }
```

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

Here you see how a box with a 4 pixel #0094B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0094B7; -webkit-box-shadow:4px 4px  
4px 4px #0094B7; box-shadow:4px 4px 4px  
4px #0094B7 }
```

Background

The CSS property to change the background color of an element to Hex 0094B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0094B7 }
```

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

```
.background{ background-color:#0094B7 }
```

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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