

Converting Colors

Hex(0097B7)

Have a look what the booklet for
Hex(0097B7) contains.

Hex(0097B7)	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(0097B7)

Conversions

Conversions Part 1

Format	Color
Hex	0097B7
RGB	0, 151, 183
RGB Percent	0%, 59%, 72%
CMY	1.0000, 0.4078, 0.2824
CMYK	1.00, 0.17, 0.00, 0.28
HSL	190°, 100%, 36%
HSV	190°, 100%, 72%
XYZ	19.6139, 25.5521, 48.6980
YIQ	109.4990, -100.2680, -22.0600

Conversions

Conversions Part 2

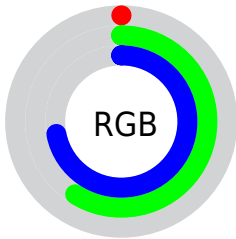
Format	Color
RYB	0, 83, 183
Decimal	38839
CIELab	57.61, -21.81, -26.04
CIELCh	58, 33.966, 230.043
Yxy	25.5521, 0.2090, 0.2722
Android (android.graphics.Color)	4278228919 (0xFF0097B7)
YUV	109.4990, 36.2360, -96.0306
Hunter-Lab	50.5491, -19.2001, -21.7345

Details

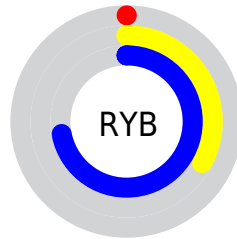
The Hex color **0097B7** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B72000**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5FCDEF**, and **006482** is the 20% darker color. If you saturate the color by 10%, you get **0097B7**, and if you desaturate by 10%, it is **129AB7**.

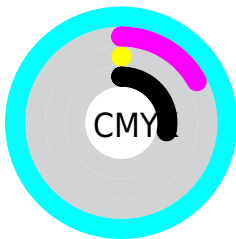
Distribution



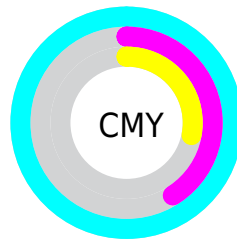
- Red (0%)
- Green (59%)
- Blue (72%)



- Red (0%)
- Yellow (33%)
- Blue (72%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0097B7 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 0097B7 by changing the saturation by 10% instead.

 0097B7

 0097B7

FFFFFF

 007D9C

 5FCDEF

 006482

 7FEAFF

 004C69

 9DFFFF

 003550

 BBFFFF

 002139

 DAFFFF

 000224

 F8FFFF

 00000B

 000000

 0097B7

 129AB7

 259DB7

 37A1B7

 49A4B7

 5CA7B7

 6EAAB7

 80ADB7

 92B1B7

 A5B4B7

Harmonies

Analogous

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



009A9E



0097B7



4C90C4

Triad

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



0097B7



BD7496



8A8F51

Complementary

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



0097B7



B72000

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.



A68550



0097B7



C47478

Square

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



0097B7



A67BB1



BB7B5E



689663

Rectangle

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



0097B7



6F8AC5



BB7B5E



948C4F

Sweetspot

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



0097B7



A6E1ED



00B71E



4D7078



F7F7F7



787878

Same Dimension

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



0097B7



00C4ED



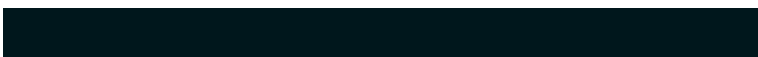
003DB7



535A5C



00809C



00171C

Inverse Universe

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



B70097



ED00C4



B77A00



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 0097B7 looks on a white background.

Color Contrast Check

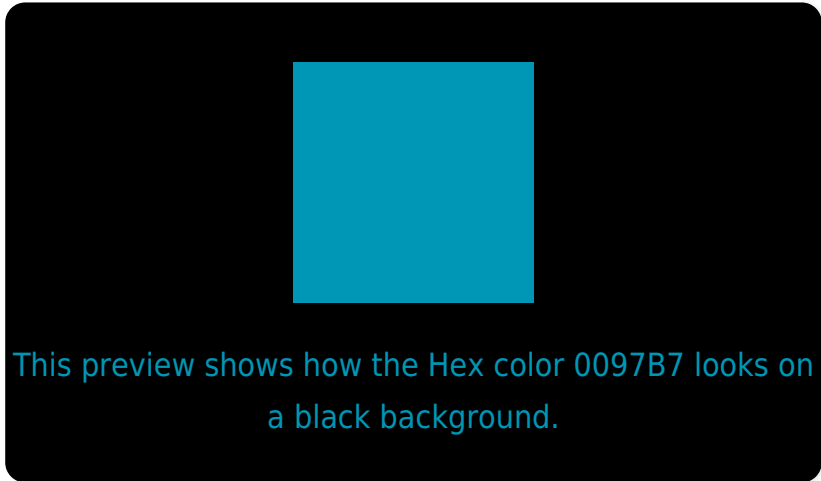
Large Text (above 18pt) WCAG AA ✓ Pass

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

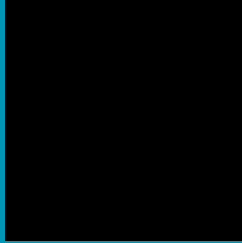
Any Text WCAG AA ✓ Pass

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 0097B7 Background



This preview shows how black text looks on a background with the Hex color 0097B7.

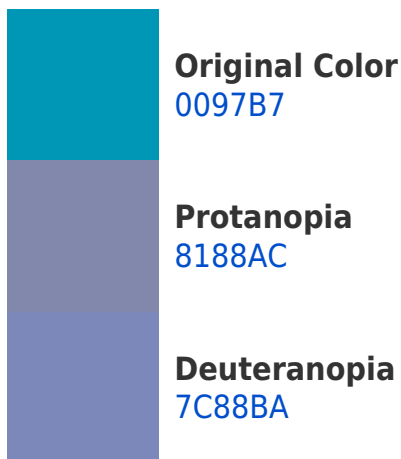


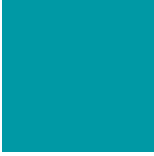
This preview shows how white text looks on a background with the Hex color 0097B7.

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](#).

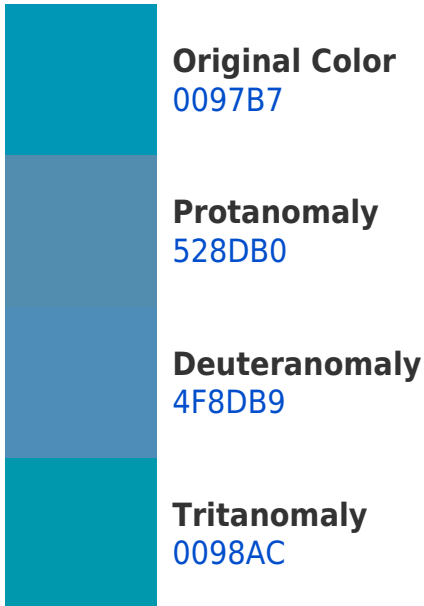
Dichromacy



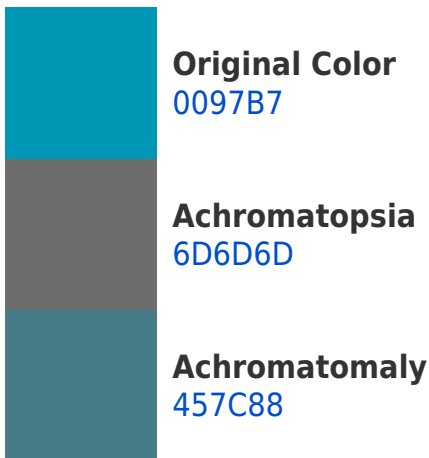


Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0097B7 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 #0097B7 looks like.

```
.text, #text, p{  
    color:#0097B7  
}
```

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 #0097B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0097B7
}
```

Border

The CSS property to change the border of an element to Hex 0097B7 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
#0097B7 }
```

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

```
.border{ border-color:#0097B7 }
```

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

Here you see how a box with a 4 pixel #0097B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0097B7; -webkit-box-shadow:4px 4px  
4px 4px #0097B7; box-shadow:4px 4px 4px  
4px #0097B7 }
```

Background

The CSS property to change the background color of an element to Hex 0097B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0097B7 }
```

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

```
.background{ background-color:#0097B7 }
```

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