

Converting Colors

Hex(0A97B3)

Have a look what the booklet for
Hex(0A97B3) contains.

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Color

Hex(0A97B3)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0A97B3 |
| RGB | 10, 151, 179 |
| RGB Percent | 4%, 59%, 70% |
| CMY | 0.9608, 0.4078, 0.2980 |
| CMYK | 0.94, 0.16, 0.00, 0.30 |
| HSL | 190°, 89%, 37% |
| HSV | 190°, 94%, 70% |
| XYZ | 19.3285, 25.4524, 46.5419 |
| YIQ | 112.0330, -93.0240, -21.1840 |

Conversions

Conversions Part 2

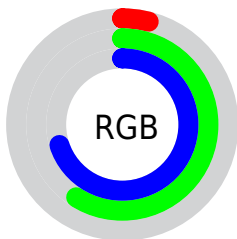
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 10, 87, 179 |
| Decimal | 694195 |
| CIELab | 57.51, -22.84, -23.91 |
| CIELCh | 58, 33.066, 226.311 |
| Yxy | 25.4524, 0.2116, 0.2787 |
| Android (android.graphics.Color) | 4278884275 (0xFF0A97B3) |
| YUV | 112.0330, 33.0147, -89.4829 |
| Hunter-Lab | 50.4504, -19.9016, -19.3814 |

Details

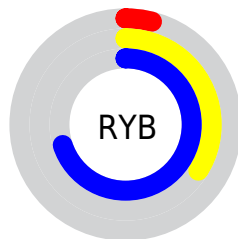
The Hex color **0A97B3** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B3260A**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **61CDEB**, and **00647E** is the 20% darker color. If you saturate the color by 10%, you get **0095B3**, and if you desaturate by 10%, it is **1C9AB3**.

Distribution



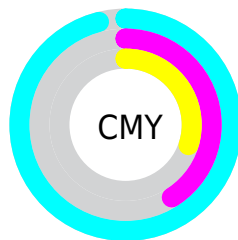
- Red (4%)
- Green (59%)
- Blue (70%)



- Red (4%)
- Yellow (34%)
- Blue (70%)



- Cyan (94%)
- Magenta (16%)
- Yellow (0%)
- Black (30%)



- Cyan (96%)
- Magenta (41%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A97B3 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 0A97B3 by changing the saturation by 10% instead.

0A97B3

0A97B3

FFFFFF

007D98

61CDEB

00647E

80EAFB

004C65

9EFFFF

00354D

BCFFFF

002136

DAFFFF

000221

F9FFFF

000006

000000

0A97B3

0A97B3

■ 0095B3

■ 1C9AB3

■ 2E9DB3

■ 40A0B3

■ 52A3B3

■ 63A6B3

■ 75A9B3

■ 87ACB3

■ 99AFB3

■ ABB2B3

Harmonies

Analogous

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



189A99



0A97B3



4891C2

Triad

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



0A97B3



BA7599



8D8D52

Complementary

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



0A97B3



B3260A

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.



A98452



0A97B3



C3747B

Square

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



0A97B3



A17DB2



BC7A62



6D9561

Rectangle

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



0A97B3



6A8BC3



BC7A62



978A50

Sweetspot

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



0A97B3



A7DDE8



0AB323



4D6F75



F5F5F5



757575

Same Dimension

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



0A97B3



00C2E8



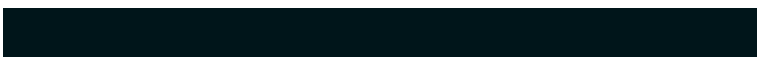
0A45B3



505859



008099



00151A

Inverse Universe

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



B30A97



E800C2



B3780A



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color 0A97B3 looks on a white background.

Color Contrast Check

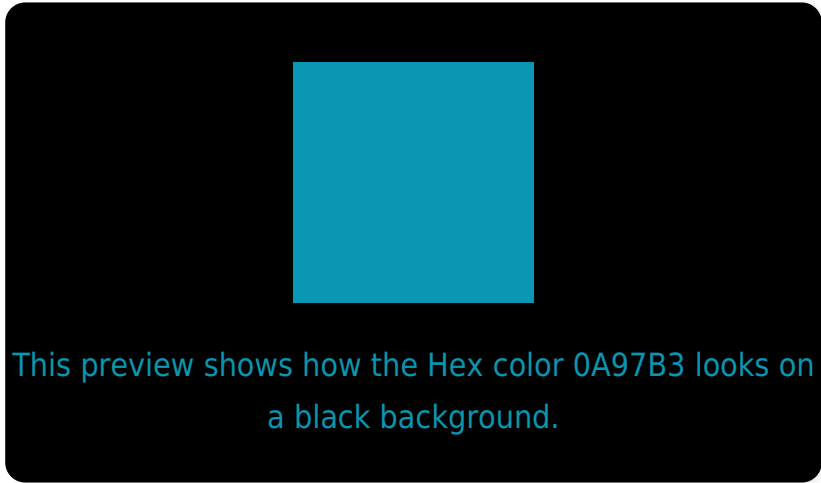
Large Text (above 18pt) WCAG AA ✓ Pass

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

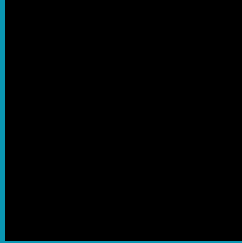
Any Text WCAG AA ✓ Pass

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 0A97B3 Background



This preview shows how black text looks on a background with the Hex color 0A97B3.

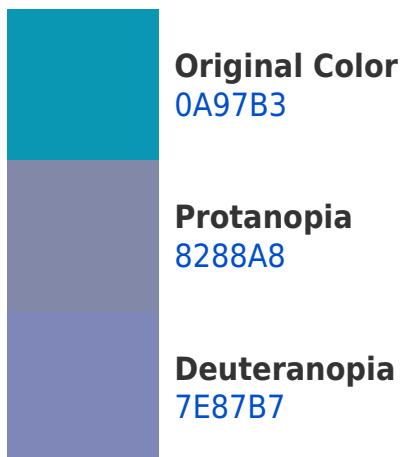


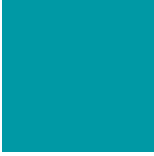
This preview shows how white text looks on a background with the Hex color 0A97B3.

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](#).

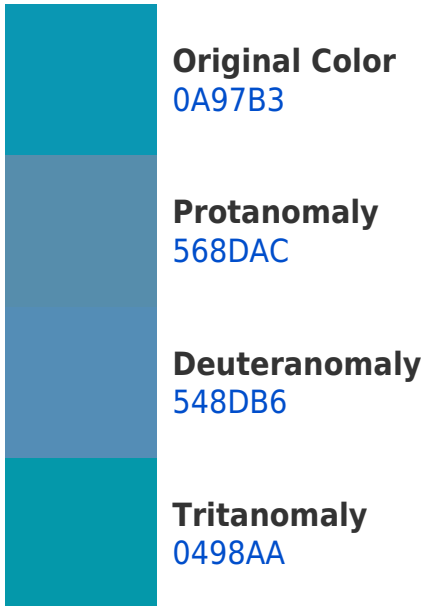
Dichromacy



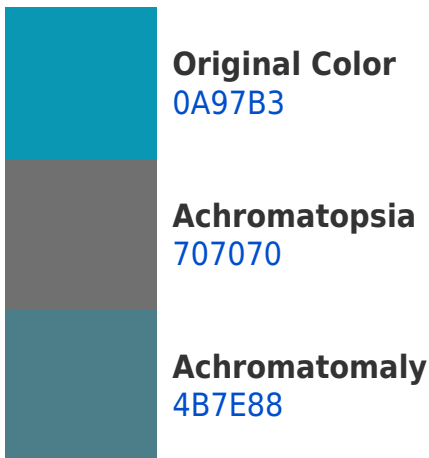


Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0A97B3 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 #0A97B3 looks like.

```
.text, #text, p{  
    color:#0A97B3  
}
```

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 #0A97B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A97B3
}
```

Border

The CSS property to change the border of an element to Hex 0A97B3 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
#0A97B3 }
```

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

```
.border{ border-color:#0A97B3 }
```

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

Here you see how a box with a 4 pixel #0A97B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A97B3; -webkit-box-shadow:4px 4px  
4px 4px #0A97B3; box-shadow:4px 4px 4px  
4px #0A97B3 }
```

Background

The CSS property to change the background color of an element to Hex 0A97B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A97B3 }
```

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

```
.background{ background-color:#0A97B3 }
```

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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