

Converting Colors

Hex(0987B0)

Have a look what the booklet for
Hex(0987B0) contains.

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Color

Hex(0987B0)

Conversions

Conversions Part 1

Format	Color
Hex	0987B0
RGB	9, 135, 176
RGB Percent	4%, 53%, 69%
CMY	0.9647, 0.4706, 0.3098
CMYK	0.95, 0.23, 0.00, 0.31
HSL	195°, 90%, 36%
HSV	195°, 95%, 69%
XYZ	16.6131, 20.5206, 44.1596
YIQ	102.0000, -88.2570, -13.9610

Conversions

Conversions Part 2

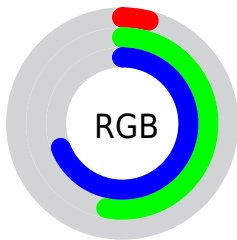
Format	Color
R_{YB}	9, 81, 176
Decimal	624560
CIE _{Lab}	52.42, -15.36, -30.08
CIE _{LCh}	52, 33.769, 242.949
Yxy	20.5206, 0.2044, 0.2524
Android (android.graphics.Color)	4278814640 (0xFF0987B0)
YUV	102.0000, 36.4820, -81.5610
Hunter-Lab	45.2997, -13.8118, -26.0880

Details

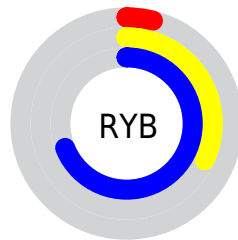
The Hex color **0987B0** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B03209**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **5EBCE8**, and **00557B** is the 20% darker color. If you saturate the color by 10%, you get **0085B0**, and if you desaturate by 10%, it is **1B8BB0**.

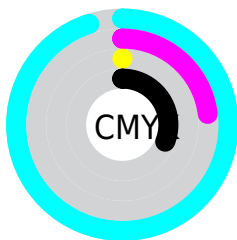
Distribution



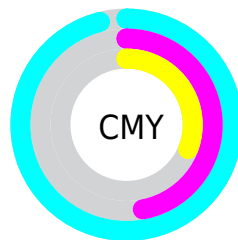
- Red (4%)
- Green (53%)
- Blue (69%)



- Red (4%)
- Yellow (32%)
- Blue (69%)



- Cyan (95%)
- Magenta (23%)
- Yellow (0%)
- Black (31%)



- Cyan (96%)
- Magenta (47%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0987B0 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 0987B0 by changing the saturation by 10% instead.

0987B0

0987B0

FFFFFF

006E95

5EBCE8

00557B

7DD8FF

003E62

9BF5FF

00284A

B9FFFF

001333

D6FFFF

00021E

F5FFFF

000000

0987B0

0987B0

0085B0

1B8BB0

 2C90B0

 3E94B0

 4F98B0

 619DB0

 73A1B0

 84A5B0

 96AAB0

 A7AEB0

Harmonies

Analogous

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



008B9C



0987B0



557FB7

Triad

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



0987B0



B3667B



6E854B

Complementary

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



0987B0



B03209

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.



8D7C42



0987B0



B3695F

Square

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



0987B0



A46A98



A5724A



4A8A62

Rectangle

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



0987B0



7678B2



A5724A



798246

Sweetspot

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



0987B0



A5D6E6



09B030



4C6973



F2F2F2



737373

Same Dimension

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



0987B0



00ADE6



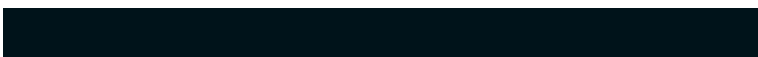
0936B0



505759



007399



00131A

Inverse Universe

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



B00987



E600AD



B08309



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color 0987B0 looks on a white background.

Color Contrast Check

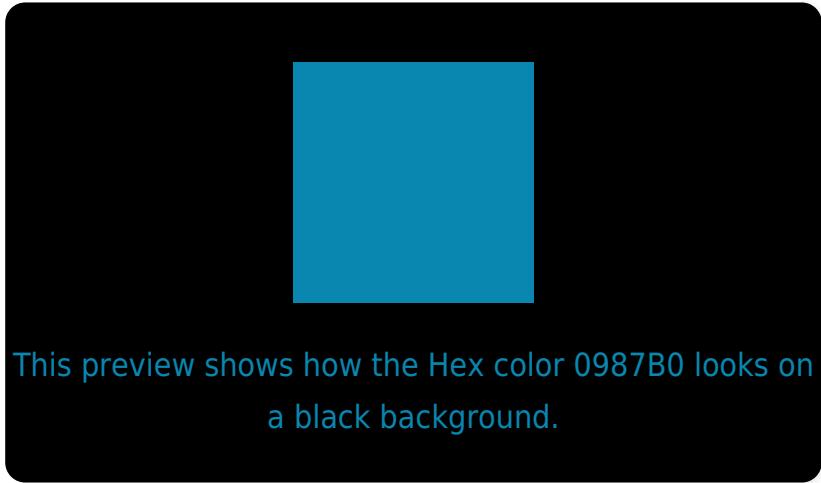
Large Text (above 18pt) WCAG AA ✓ Pass

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

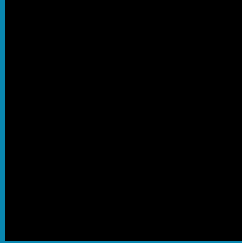
Any Text WCAG AA ✓ Pass

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 0987B0 Background



This preview shows how black text looks on a background with the Hex color 0987B0.

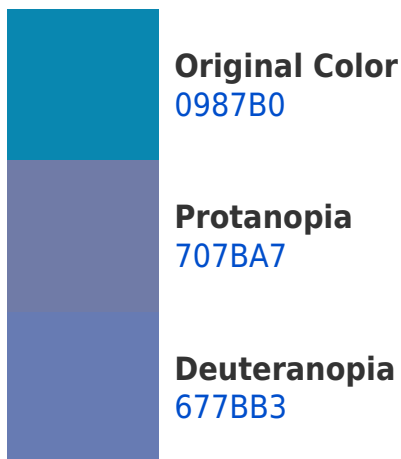


This preview shows how white text looks on a background with the Hex color 0987B0.

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
008A95

Trichromacy



Original Color
0987B0

Protanomaly
4B7FAA

Deuteranomaly
457FB2

Tritanomaly
03899F

Monochromacy



Original Color
0987B0

Achromatopsia
666666

Achromatomaly
447281

CSS Examples

Text

The CSS property to change the color of the text to Hex 0987B0 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 #0987B0 looks like.

```
.text, #text, p{  
    color:#0987B0  
}
```

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 #0987B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0987B0
}
```

Border

The CSS property to change the border of an element to Hex 0987B0 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
#0987B0 }
```

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

```
.border{ border-color:#0987B0 }
```

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

Here you see how a box with a 4 pixel #0987B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0987B0; -webkit-box-shadow:4px 4px  
4px 4px #0987B0; box-shadow:4px 4px 4px  
4px #0987B0 }
```

Background

The CSS property to change the background color of an element to Hex 0987B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0987B0 }
```

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

```
.background{ background-color:#0987B0 }
```

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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