

Converting Colors

Hex(00947B)

Have a look what the booklet for
Hex(00947B) contains.

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Color

Hex(00947B)

Conversions

Conversions Part 1

Format	Color
Hex	00947B
RGB	0, 148, 123
RGB Percent	0%, 58%, 48%
CMY	1.0000, 0.4196, 0.5176
CMYK	1.00, 0.00, 0.17, 0.42
HSL	170°, 100%, 29%
HSV	170°, 100%, 58%
XYZ	14.1651, 22.6099, 22.3565
YIQ	100.8980, -80.1830, -39.1510

Conversions

Conversions Part 2

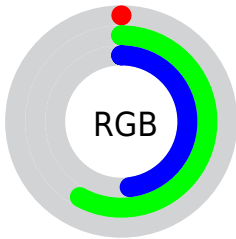
Format	Color
RYB	0, 81, 148
Decimal	38011
CIELab	54.67, -39.51, 3.85
CIElCh	55, 39.700, 174.432
Yxy	22.6099, 0.2396, 0.3824
Android (android.graphics.Color)	4278228091 (0xFF00947B)
YUV	100.8980, 10.8963, -88.4875
Hunter-Lab	47.5498, -30.0372, 5.4086

Details

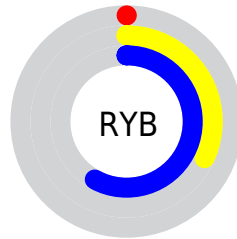
The Hex color **00947B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **940019**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **56CBAF**, and **00604A** is the 20% darker color. If you saturate the color by 10%, you get **00947B**, and if you desaturate by 10%, it is **0F947E**.

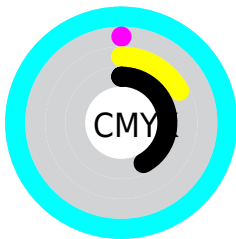
Distribution



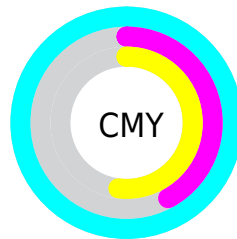
- Red (0%)
- Green (58%)
- Blue (48%)



- Red (0%)
- Yellow (32%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (17%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00947B 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 00947B by changing the saturation by 10% instead.

 00947B

 00947B

FFFFFF

 007A62

 56CBAF

 00604A

 74E7CB

 004834

 91FFE7

 00301F

 AFFFFFF

 001907

 CCFFFF

 000000

 EAFFFF

 00947B

 0F947E

 1E9480

 2C9483

 3B9485

 4A9488

 59948A

 68948D

 76948F

 859492

Harmonies

Analogous

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



529059



00947B



00949E

Triad

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



00947B



7C7CC1



B7724C

Complementary

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



00947B



940019

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.



C36868



00947B



A76FAB

Square

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



00947B



3788C7



BF678B



9D7F3D

Rectangle

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



00947B



0092B2



BF678B



BC6E54

Sweetspot

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



00947B



86BFB6



1B9400



3E615B



E0E0E0



616161

Same Dimension

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



00947B



00BF9F



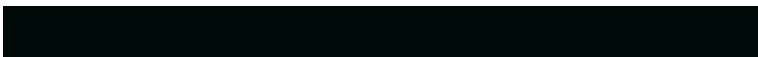
006594



434A49



008A72



000A08

Inverse Universe

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



940019



BF0020



942F00



4A4344



8A0017



0A0002

Previews

White Background



This preview shows how the Hex color 00947B looks on a white background.

Color Contrast Check

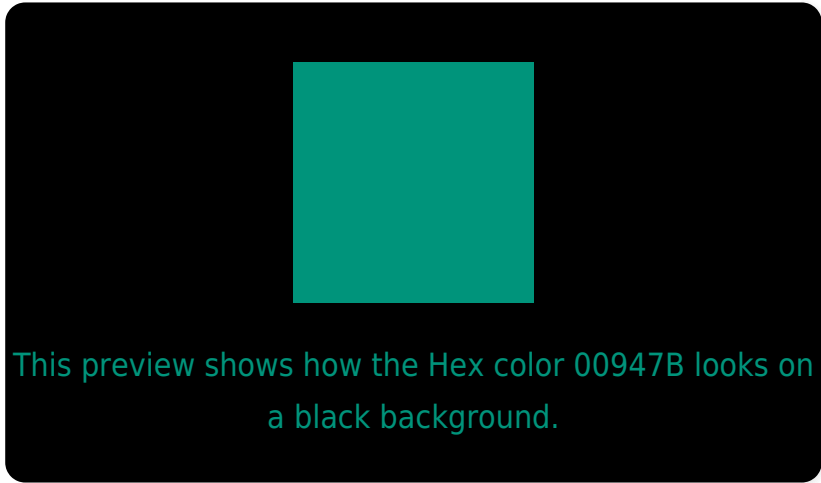
Large Text (above 18pt) WCAG AA ✓ Pass

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

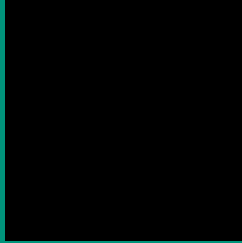
Any Text WCAG AA ✓ Pass

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 00947B Background



This preview shows how black text looks on a background with the Hex color 00947B.

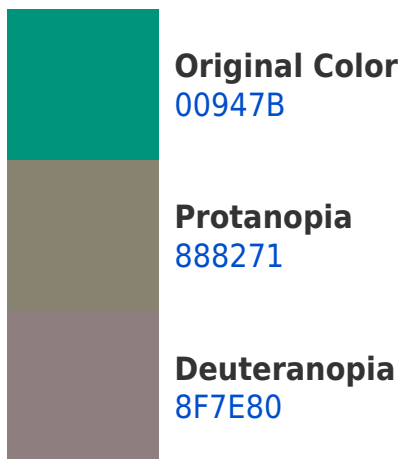


This preview shows how white text looks on a background with the Hex color 00947B.

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
2B909B

Trichromacy



Original Color
00947B



Protanomaly
578975



Deuteranomaly
5B867E



Tritanomaly
1B918F

Monochromacy



Original Color
00947B



Achromatopsia
656565



Achromatomaly
40766D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00947B 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 #00947B looks like.

```
.text, #text, p{  
    color:#00947B  
}
```

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 #00947B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00947B
}
```

Border

The CSS property to change the border of an element to Hex 00947B 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
#00947B }
```

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

```
.border{ border-color:#00947B }
```

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

Here you see how a box with a 4 pixel #00947B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00947B; -webkit-box-shadow:4px 4px  
4px 4px #00947B; box-shadow:4px 4px 4px  
4px #00947B }
```

Background

The CSS property to change the background color of an element to Hex 00947B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00947B }
```

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

```
.background{ background-color:#00947B }
```

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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