

Converting Colors

Hex(00937C)

Have a look what the booklet for
Hex(00937C) contains.

Hex(00937C)	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(00937C)

Conversions

Conversions Part 1

Format	Color
Hex	00937C
RGB	0, 147, 124
RGB Percent	0%, 58%, 49%
CMY	1.0000, 0.4235, 0.5137
CMYK	1.00, 0.00, 0.16, 0.42
HSL	171°, 100%, 29%
HSV	171°, 100%, 58%
XYZ	14.0718, 22.3227, 22.6358
YIQ	100.4250, -80.2290, -38.3170

Conversions

Conversions Part 2

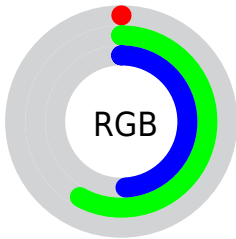
Format	Color
RYB	0, 80, 147
Decimal	37756
CIELab	54.37, -38.80, 2.84
CIELCh	54, 38.904, 175.807
Yxy	22.3227, 0.2384, 0.3782
Android (android.graphics.Color)	4278227836 (0xFF00937C)
YUV	100.4250, 11.6225, -88.0727
Hunter-Lab	47.2469, -29.5184, 4.6672

Details

The Hex color **00937C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **930017**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56CAB0**, and **005F4B** is the 20% darker color. If you saturate the color by 10%, you get **00937C**, and if you desaturate by 10%, it is **0F937E**.

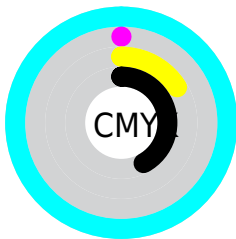
Distribution



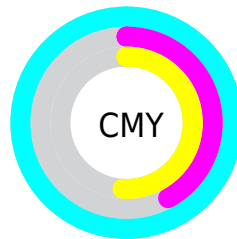
- Red (0%)
- Green (58%)
- Blue (49%)



- Red (0%)
- Yellow (31%)
- Blue (58%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (42%)



- Cyan (100%)
- Magenta (42%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00937C 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 00937C by changing the saturation by 10% instead.

 00937C

 00937C

FFFFFF

 007963

 56CAB0

 005F4B

 74E6CC

 004735

 91FFE8

 002F20

 AFFFFFF

 001808

 CCFFFF

 000000

 EAFFFF

 00937C

 0F937E

 1D9381

 2C9383

 3B9385

 4A9388

 58938A

 67938C

 76938E

 849391

Harmonies

Analogous

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



50905B



00937C



00939E

Triad

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



00937C



7D7BBF



B4724B

Complementary

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



00937C



930017

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.



C16867



00937C



A76EA8

Square

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



00937C



3D87C5



BE6788



9B7F3E

Rectangle

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



00937C



0091B1



BE6788



BA6F53

Sweetspot

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



00937C



86BFB6



189300



3E615B



E0E0E0



616161

Same Dimension

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



00937C



00BFA1



006293



434A49



008A74



000A09

Inverse Universe

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



930017



BF001E



933100



4A4344



8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 00937C looks on a white background.

Color Contrast Check

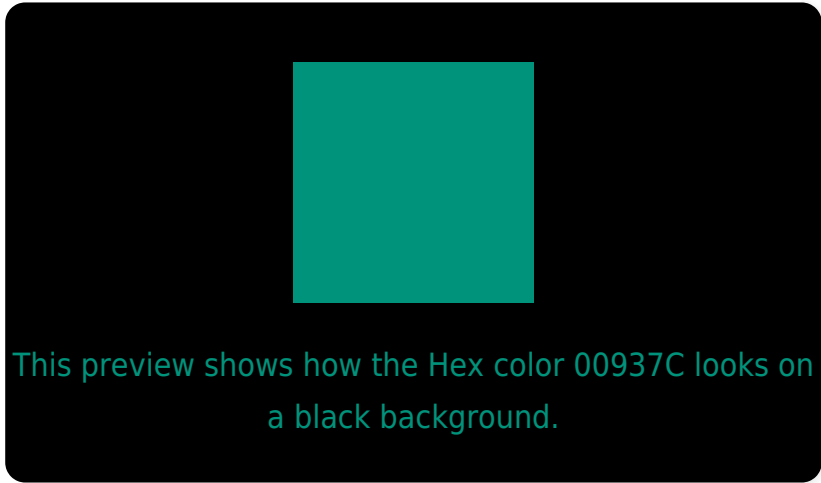
Large Text (above 18pt) WCAG AA ✓ Pass

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

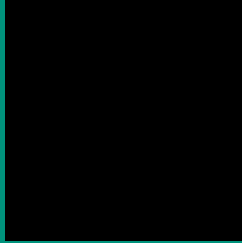
Any Text WCAG AA ✓ Pass

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 00937C Background



This preview shows how black text looks on a background with the Hex color 00937C.

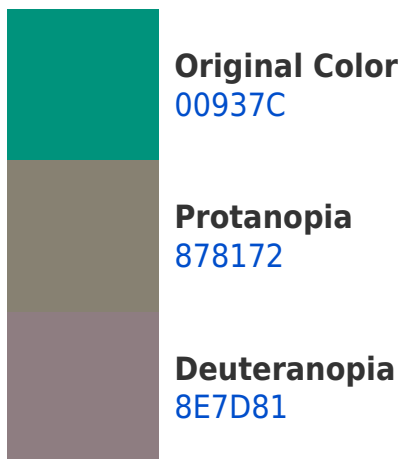


This preview shows how white text looks on a background with the Hex color 00937C.

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
2A8F9A

Trichromacy



Original Color
00937C



Protanomaly
568876



Deuteranomaly
5A857F



Tritanomaly
1B908F

Monochromacy



Original Color
00937C



Achromatopsia
646464



Achromatomaly
40756D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00937C 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 #00937C looks like.

```
.text, #text, p{  
    color:#00937C  
}
```

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 #00937C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00937C
}
```

Border

The CSS property to change the border of an element to Hex 00937C 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
#00937C }
```

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

```
.border{ border-color:#00937C }
```

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

Here you see how a box with a 4 pixel #00937C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00937C; -webkit-box-shadow:4px 4px  
4px 4px #00937C; box-shadow:4px 4px 4px  
4px #00937C }
```

Background

The CSS property to change the background color of an element to Hex 00937C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00937C }
```

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

```
.background{ background-color:#00937C }
```

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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