

Converting Colors

Hex(00917C)

Have a look what the booklet for
Hex(00917C) contains.

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Color

Hex(00917C)

Conversions

Conversions Part 1

Format	Color
Hex	00917C
RGB	0, 145, 124
RGB Percent	0%, 57%, 49%
CMY	1.0000, 0.4314, 0.5137
CMYK	1.00, 0.00, 0.14, 0.43
HSL	171°, 100%, 28%
HSV	171°, 100%, 57%
XYZ	13.7635, 21.7060, 22.5331
YIQ	99.2510, -79.6790, -37.2710

Conversions

Conversions Part 2

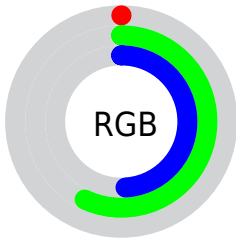
Format	Color
RYB	0, 78, 145
Decimal	37244
CIELab	53.71, -37.93, 1.90
CIELCh	54, 37.975, 177.137
Yxy	21.7060, 0.2373, 0.3742
Android (android.graphics.Color)	4278227324 (0xFF00917C)
YUV	99.2510, 12.2013, -87.0431
Hunter-Lab	46.5897, -28.7998, 3.9373

Details

The Hex color **00917C** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **910015**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **56C8B0**, and **005D4B** is the 20% darker color. If you saturate the color by 10%, you get **00917C**, and if you desaturate by 10%, it is **0E917E**.

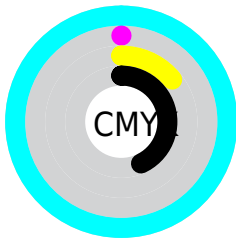
Distribution



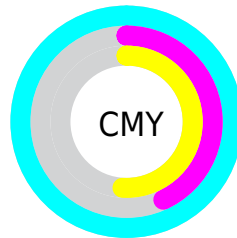
- Red (0%)
- Green (57%)
- Blue (49%)



- Red (0%)
- Yellow (31%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00917C 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 00917C by changing the saturation by 10% instead.

 00917C

 00917C

FFFFFF

 007763

 56C8B0

 005D4B

 73E4CC

 004535

 91FFE8

 002E20

 AEFFFF

 001608

 CBFFFF

 000000

 E9FFFF

 00917C

 0E917E

 1D9180

 2C9182

 3A9184

 499187

 579189

 66918B

 74918D

 83918F

Harmonies

Analogous

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



4E8E5C



00917C



00919D

Triad

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



00917C



7E79BB



B0724A

Complementary

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



00917C



910015

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.



BE6864



00917C



A66DA4

Square

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



00917C



4285C1



BB6685



977D3E

Rectangle

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



00917C



008FAF



BB6685



B66E52

Sweetspot

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



00917C



84BDB5



169100



3C5E59



DEDEDE



5E5E5E

Same Dimension

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



00917C



00BDA1



005E91



404746



008774



000807

Inverse Universe

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



910015



BD001B



913300



474041



870014



080001

Previews

White Background



This preview shows how the Hex color 00917C looks on a white background.

Color Contrast Check

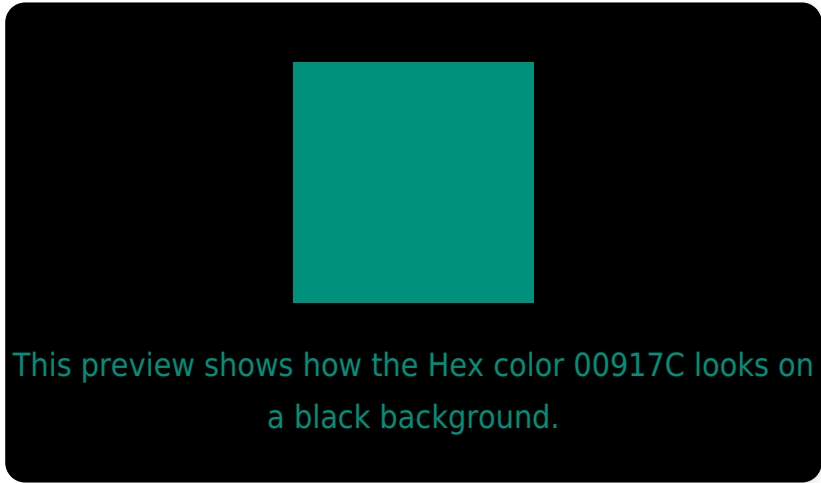
Large Text (above 18pt) WCAG AA ✓ Pass

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

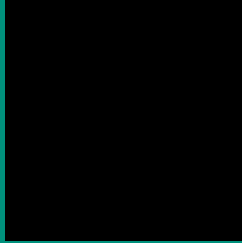
Any Text WCAG AA ✓ Pass

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 00917C Background



This preview shows how black text looks on a background with the Hex color 00917C.

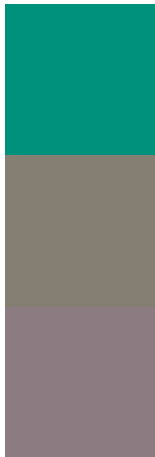


This preview shows how white text looks on a background with the Hex color 00917C.

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



Original Color
00917C

Protanopia
857F73

Deuteranopia
8C7C81



Tritanopia
288D98

Trichromacy



Original Color
00917C



Protanomaly
558676



Deuteranomaly
59847F



Tritanomaly
198E8E

Monochromacy



Original Color
00917C



Achromatopsia
636363



Achromatomaly
3F746C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00917C 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 #00917C looks like.

```
.text, #text, p{  
    color:#00917C  
}
```

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 #00917C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00917C
}
```

Border

The CSS property to change the border of an element to Hex 00917C 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
#00917C }
```

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

```
.border{ border-color:#00917C }
```

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

Here you see how a box with a 4 pixel #00917C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00917C; -webkit-box-shadow:4px 4px  
4px 4px #00917C; box-shadow:4px 4px 4px  
4px #00917C }
```

Background

The CSS property to change the background color of an element to Hex 00917C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00917C }
```

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

```
.background{ background-color:#00917C }
```

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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