

Converting Colors

Hex(00917A)

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

Hex(00917A)	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(00917A)

Conversions

Conversions Part 1

Format	Color
Hex	00917A
RGB	0, 145, 122
RGB Percent	0%, 57%, 48%
CMY	1.0000, 0.4314, 0.5216
CMYK	1.00, 0.00, 0.16, 0.43
HSL	170°, 100%, 28%
HSV	170°, 100%, 57%
XYZ	13.6383, 21.6559, 21.8736
YIQ	99.0230, -79.0370, -37.8930

Conversions

Conversions Part 2

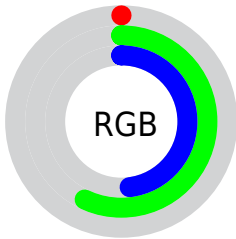
Format	Color
RYB	0, 79, 145
Decimal	37242
CIELab	53.66, -38.49, 2.97
CIELCh	54, 38.609, 175.589
Yxy	21.6559, 0.2386, 0.3788
Android (android.graphics.Color)	4278227322 (0xFF00917A)
YUV	99.0230, 11.3277, -86.8432
Hunter-Lab	46.5359, -29.1250, 4.7067

Details

The Hex color **00917A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **910017**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **55C8AE**, and **005D49** is the 20% darker color. If you saturate the color by 10%, you get **00917A**, and if you desaturate by 10%, it is **0E917C**.

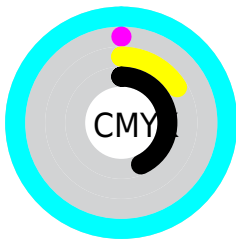
Distribution



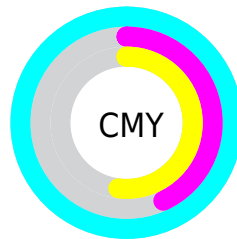
- Red (0%)
- Green (57%)
- Blue (48%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (52%)

Brightness & Saturation Gradients

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

 00917A

 00917A

FFFFFF

 007761

 55C8AE

 005D49

 73E4CA

 004533

 90FFE6

 002E1E

 AEFFFF

 001505

 CBFFFF

 000000

 E9FFFF

 00917A

 0E917C

 1D917F

 2C9181

 3A9183

 499185

 579188

 66918A

 74918C

 83918F

Harmonies

Analogous

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



4F8E59



00917A



00919C

Triad

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



00917A



7B79BC



B2714A

Complementary

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



00917A



910017

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.



BF6765



00917A



A56DA6

Square

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



00917A



3B85C2



BB6587



997D3C

Rectangle

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



00917A



008FAF



BB6587



B86D52

Sweetspot

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



00917A



84BDB4



189100



3C5E59



DEDEDE



5E5E5E

Same Dimension

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



00917A



00BD9F



006191



404746



008772



000806

Inverse Universe

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



910017



BD001E



913000



474041



870015



080001

Previews

White Background



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

Color Contrast Check

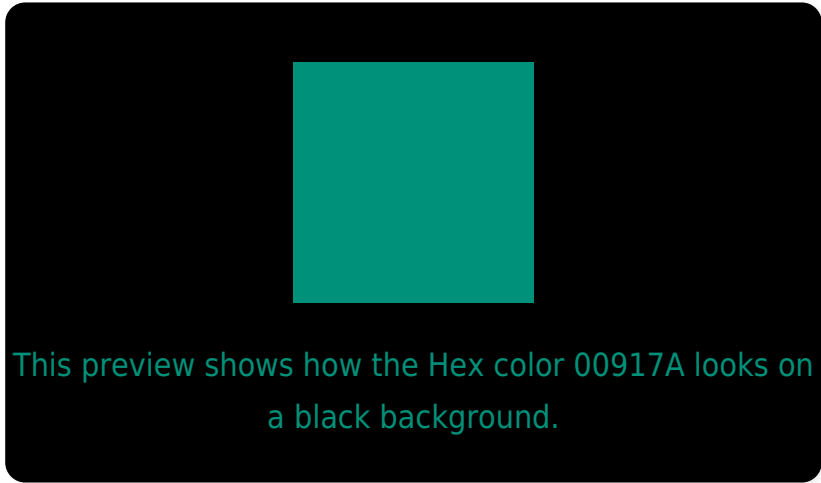
Large Text (above 18pt) WCAG AA ✓ Pass

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

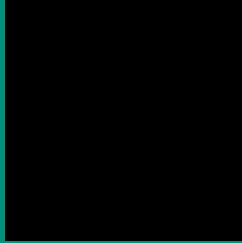
Any Text WCAG AA ✓ Pass

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 00917A Background



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

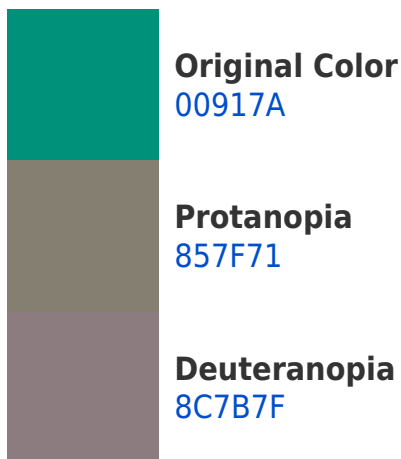


This preview shows how white text looks on a background with the Hex color 00917A.

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
298D98

Trichromacy



Original Color
00917A



Protanomaly
558674



Deuteranomaly
59837D



Tritanomaly
1A8E8D

Monochromacy



Original Color
00917A



Achromatopsia
636363



Achromatomaly
3F746B

CSS Examples

Text

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

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

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 #00917A colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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