

Converting Colors

Hex(007997)

Have a look what the booklet for
Hex(007997) contains.

Hex(007997)	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(007997)

Conversions

Conversions Part 1

Format	Color
Hex	007997
RGB	0, 121, 151
RGB Percent	0%, 47%, 59%
CMY	1.0000, 0.5255, 0.4078
CMYK	1.00, 0.20, 0.00, 0.41
HSL	192°, 100%, 30%
HSV	192°, 100%, 59%
XYZ	12.4233, 15.9091, 31.6941
YIQ	88.2410, -81.7460, -16.3220

Conversions

Conversions Part 2

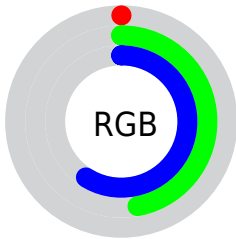
Format	Color
RYB	0, 67, 151
Decimal	31127
CIELab	46.86, -17.18, -24.18
CIElCh	47, 29.658, 234.604
Yxy	15.9091, 0.2070, 0.2650
Android (android.graphics.Color)	4278221207 (0xFF007997)
YUV	88.2410, 30.9402, -77.3874
Hunter-Lab	39.8862, -14.2038, -19.1923

Details

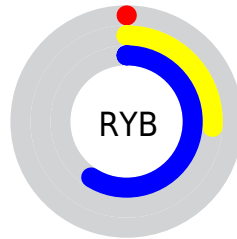
The Hex color **007997** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **971E00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55ADCD**, and **004864** is the 20% darker color. If you saturate the color by 10%, you get **007997**, and if you desaturate by 10%, it is **0F7C97**.

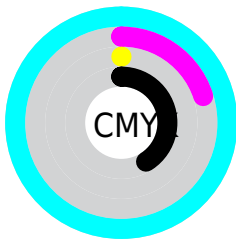
Distribution



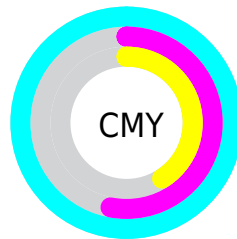
- Red (0%)
- Green (47%)
- Blue (59%)



- Red (0%)
- Yellow (26%)
- Blue (59%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (53%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007997 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 007997 by changing the saturation by 10% instead.

 007997

 007997

FFFFFF

 00607D

 55ADCD

 004864

 73C9EA

 00324C

 90E5FF

 001E35

 ADFFFF

 000220

 CBFFFF

 000004

 E9FFFF

 000000

 007997

 0F7C97

 1E7F97

 2D8297

 3C8597

 4C8897

 5B8B97

 6A8E97

 799197

 889497

Harmonies

Analogous

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



007C83



007997



4173A0

Triad

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



007997



9C5C75



6A7441

Complementary

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



007997



971E00

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.



836C3D



007997



9F5D5C

Square

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



007997



8A618C



966347



4D7951

Rectangle

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



007997



5E6D9F



966347



73713E

Sweetspot

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



007997



89B9C4



00971C



405C63



E3E3E3



636363

Same Dimension

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



007997



009DC4



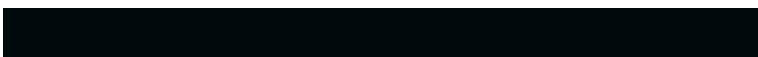
003097



454B4D



00708C



000A0D

Inverse Universe

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



970079



C4009D



976700



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 007997 looks on a white background.

Color Contrast Check

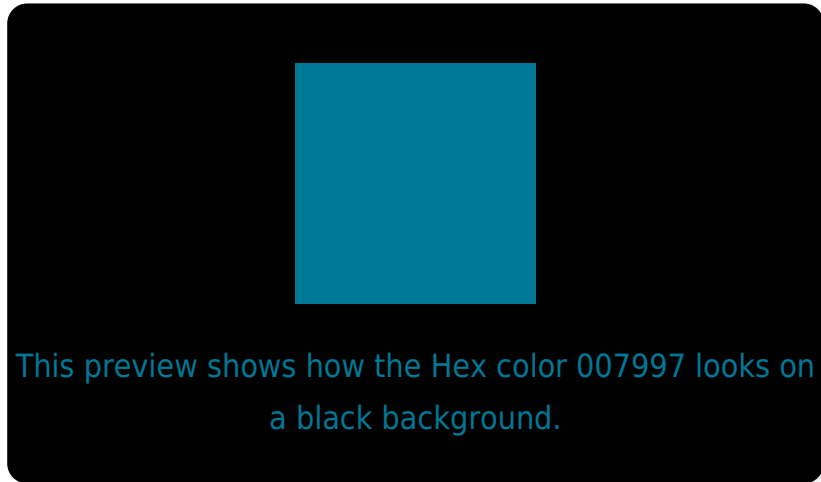
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

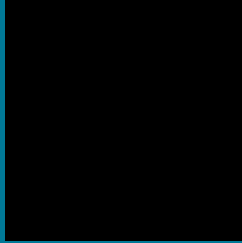
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 007997 Background



This preview shows how black text looks on a background with the Hex color 007997.

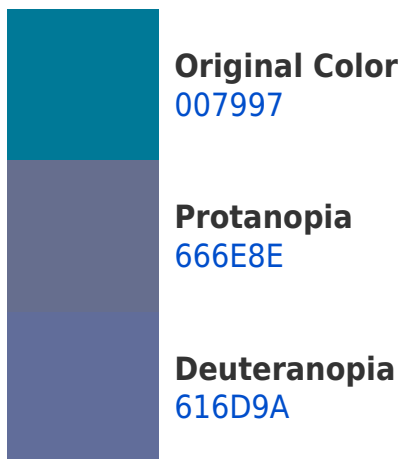


This preview shows how white text looks on a background with the Hex color 007997.

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
007B85

Trichromacy



Original Color
007997

Protanomaly
417291

Deuteranomaly
3E7199

Tritanomaly
007A8C

Monochromacy



Original Color
007997

Achromatopsia
585858

Achromatomaly
38646F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007997 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 #007997 looks like.

```
.text, #text, p{  
    color:#007997  
}
```

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 #007997 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007997
}
```

Border

The CSS property to change the border of an element to Hex 007997 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
#007997 }
```

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

```
.border{ border-color:#007997 }
```

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

Here you see how a box with a 4 pixel #007997 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007997; -webkit-box-shadow:4px 4px  
4px 4px #007997; box-shadow:4px 4px 4px  
4px #007997 }
```

Background

The CSS property to change the background color of an element to Hex 007997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007997 }
```

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

```
.background{ background-color:#007997 }
```

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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