

Converting Colors

Hex(007B7B)

Have a look what the booklet for
Hex(007B7B) contains.

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Color

Hex(007B7B)

Conversions

Conversions Part 1

Format	Color
Hex	007B7B
RGB	0, 123, 123
RGB Percent	0%, 48%, 48%
CMY	1.0000, 0.5176, 0.5176
CMYK	1.00, 0.00, 0.00, 0.52
HSL	180°, 100%, 24%
HSV	180°, 100%, 48%
XYZ	10.6581, 15.5960, 21.1875
YIQ	86.2230, -73.3080, -26.0760

Conversions

Conversions Part 2

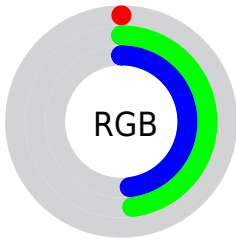
Format	Color
RYB	0, 62, 123
Decimal	31611
CIELab	46.44, -28.03, -8.24
CIElCh	46, 29.213, 196.386
Yxy	15.5960, 0.2247, 0.3287
Android (android.graphics.Color)	4278221691 (0xFF007B7B)
YUV	86.2230, 18.1311, -75.6176
Hunter-Lab	39.4917, -20.9366, -4.1651

Details

The Hex color **007B7B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7B0000**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51B0AF**, and **00494A** is the 20% darker color. If you saturate the color by 10%, you get **007B7B**, and if you desaturate by 10%, it is **0C7B7B**.

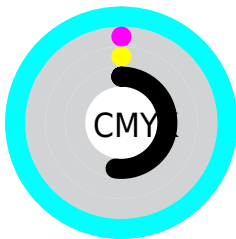
Distribution



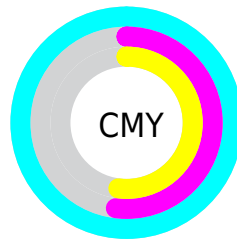
- Red (0%)
- Green (48%)
- Blue (48%)



- Red (0%)
- Yellow (24%)
- Blue (48%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (52%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007B7B 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 007B7B by changing the saturation by 10% instead.

 007B7B

 007B7B

FFFFFF

 006262

 51B0AF

 00494A

 6ECCCB

 003234

 8AE8E7

 001F1F

 A7FFFF

 000005

 C4FFFF

 000000

 E1FFFF

 007B7B

 0C7B7B

 197B7B

 257B7B

 317B7B

 3E7B7B

 4A7B7B

 567B7B

 627B7B

 6F7B7B

Harmonies

Analogous

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



347A62



007B7B



007991

Triad

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



007B7B



816390



88693E

Complementary

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



007B7B



7B0000

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.



98604C



007B7B



975C7A

Square

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



007B7B



606C9D



9E5B61



70713E

Rectangle

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



007B7B



22769A



9E5B61



8E6642

Sweetspot

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



007B7B



70A1A1



007B00



345252



D1D1D1



525252

Same Dimension

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



007B7B



00A1A1



003E7B



373D3D



007D7D



00FCFC

Inverse Universe

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



7B007B



A100A1



7B3E00



3D373D



7D007D



FC00FC

Previews

White Background



This preview shows how the Hex color 007B7B looks on a white background.

Color Contrast Check

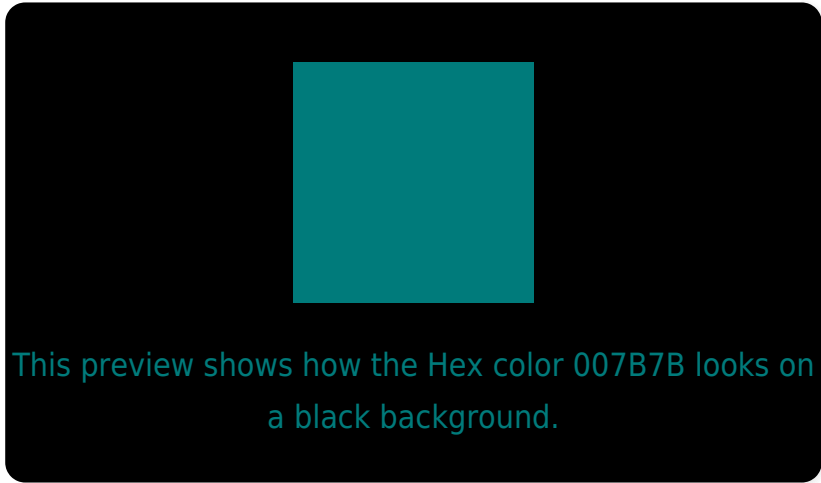
Large Text (above 18pt) WCAG AA ✓ Pass

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

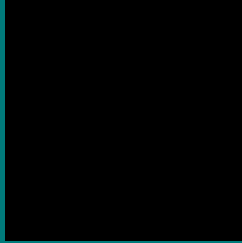
Any Text WCAG AA × Fail

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 007B7B Background



This preview shows how black text looks on a background with the Hex color 007B7B.

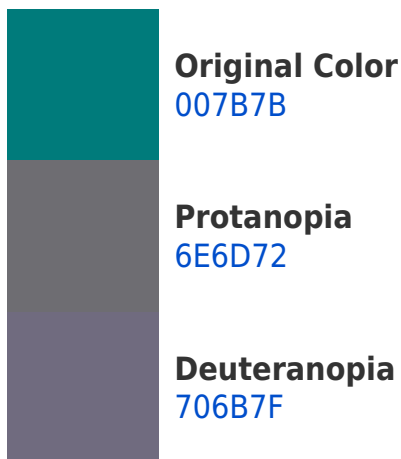


This preview shows how white text looks on a background with the Hex color 007B7B.

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
167A84

Trichromacy



Original Color

007B7B



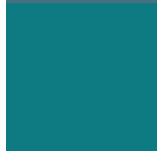
Protanomaly

467275



Deuteranomaly

47717E



Tritanomaly

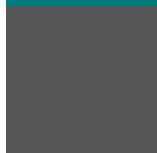
0E7A81

Monochromacy



Original Color

007B7B



Achromatopsia

565656



Achromatomaly

376363

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B7B 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 #007B7B looks like.

```
.text, #text, p{  
    color:#007B7B  
}
```

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 #007B7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B7B
}
```

Border

The CSS property to change the border of an element to Hex 007B7B 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
#007B7B }
```

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

```
.border{ border-color:#007B7B }
```

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

Here you see how a box with a 4 pixel #007B7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B7B; -webkit-box-shadow:4px 4px  
4px 4px #007B7B; box-shadow:4px 4px 4px  
4px #007B7B }
```

Background

The CSS property to change the background color of an element to Hex 007B7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B7B }
```

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

```
.background{ background-color:#007B7B }
```

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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