

Converting Colors

Hex(007D7A)

Have a look what the booklet for
Hex(007D7A) contains.

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Color

Hex(007D7A)

Conversions

Conversions Part 1

Format	Color
Hex	007D7A
RGB	0, 125, 122
RGB Percent	0%, 49%, 48%
CMY	1.0000, 0.5098, 0.5216
CMYK	1.00, 0.00, 0.02, 0.51
HSL	179°, 100%, 25%
HSV	179°, 100%, 49%
XYZ	10.8465, 16.0724, 20.9430
YIQ	87.2830, -73.5370, -27.4330

Conversions

Conversions Part 2

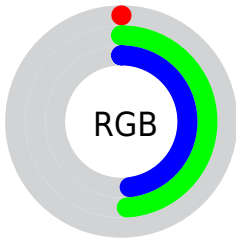
Format	Color
RYB	0, 63, 125
Decimal	32122
CIELab	47.07, -29.33, -6.71
CIELCh	47, 30.085, 192.885
Yxy	16.0724, 0.2266, 0.3358
Android (android.graphics.Color)	4278222202 (0xFF007D7A)
YUV	87.2830, 17.1155, -76.5472
Hunter-Lab	40.0904, -21.8649, -2.9095

Details

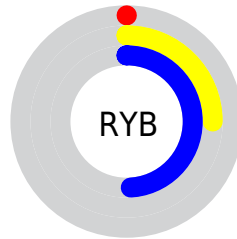
The Hex color **007D7A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0003**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **51B2AE**, and **004B49** is the 20% darker color. If you saturate the color by 10%, you get **007D7A**, and if you desaturate by 10%, it is **0C7D7A**.

Distribution



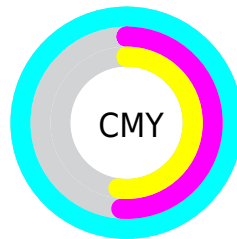
- Red (0%)
- Green (49%)
- Blue (48%)



- Red (0%)
- Yellow (25%)
- Blue (49%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007D7A 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 007D7A by changing the saturation by 10% instead.

 007D7A

 007D7A

FFFFFF

 006461

 51B2AE

 004B49

 6ECECA

 003433

 8BEAE6

 00211E

 A7FFFF

 000004

 C4FFFF

 000000

 E2FFFF

 007D7A

 0C7D7A

■ 197D7B

■ 267D7B

■ 327D7B

■ 3F7D7C

■ 4B7D7C

■ 577D7C

■ 647D7C

■ 717D7D

Harmonies

Analogous

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



387C60



007D7A



007B91

Triad

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



007D7A



806595



8C693F

Complementary

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



007D7A



7D0003

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.



9C614E



007D7A



985D7F

Square

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



007D7A



5C6EA1



A15C66



75723D

Rectangle

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



007D7A



16789C



A15C66



926643

Sweetspot

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



007D7A



72A3A2



047D00



345251



D1D1D1



525252

Same Dimension

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



007D7A



00A39F



00437D



394040



00807C



000000

Inverse Universe

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



7D0003



A30004



7D3A00



40393A



800003



000000

Previews

White Background



This preview shows how the Hex color 007D7A looks on a white background.

Color Contrast Check

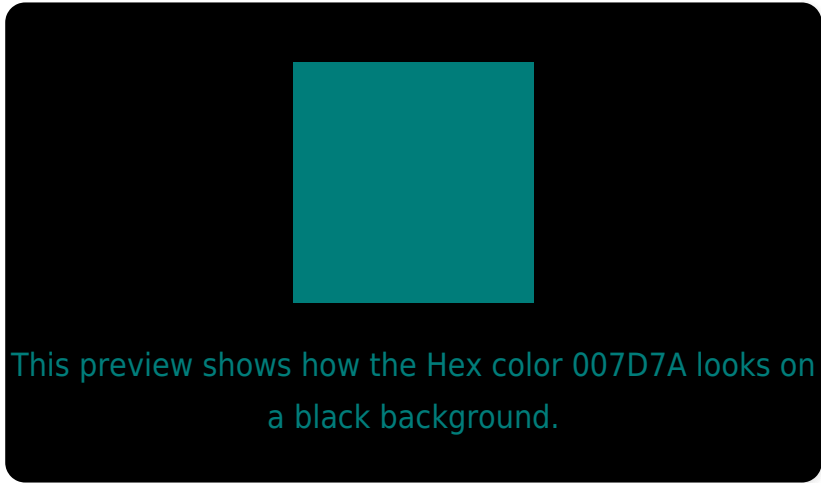
Large Text (above 18pt) WCAG AA ✓ Pass

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

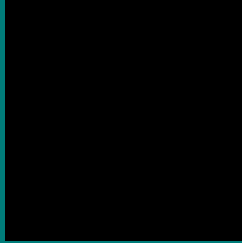
Any Text WCAG AA × Fail

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 007D7A Background



This preview shows how black text looks on a background with the Hex color 007D7A.

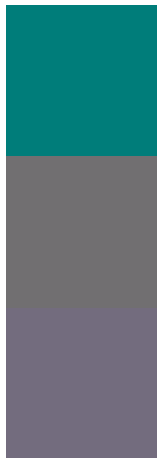


This preview shows how white text looks on a background with the Hex color 007D7A.

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
007D7A

Protanopia
716F71

Deuteranopia
736C7E



Tritanopia
197B85

Trichromacy



Original Color
007D7A



Protanomaly
487474



Deuteranomaly
49727D



Tritanomaly
107C81

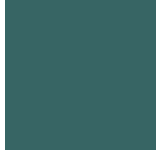
Monochromacy



Original Color
007D7A



Achromatopsia
575757



Achromatomaly
376564

CSS Examples

Text

The CSS property to change the color of the text to Hex 007D7A 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 #007D7A looks like.

```
.text, #text, p{  
    color:#007D7A  
}
```

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 #007D7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D7A
}
```

Border

The CSS property to change the border of an element to Hex 007D7A 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
#007D7A }
```

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

```
.border{ border-color:#007D7A }
```

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

Here you see how a box with a 4 pixel #007D7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D7A; -webkit-box-shadow:4px 4px  
4px 4px #007D7A; box-shadow:4px 4px 4px  
4px #007D7A }
```

Background

The CSS property to change the background color of an element to Hex 007D7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D7A }
```

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

```
.background{ background-color:#007D7A }
```

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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