

Converting Colors

Hex(007A7F)

Have a look what the booklet for
Hex(007A7F) contains.

Hex(007A7F)	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(007A7F)

Conversions

Conversions Part 1

Format	Color
Hex	007A7F
RGB	0, 122, 127
RGB Percent	0%, 48%, 50%
CMY	1.0000, 0.5216, 0.5020
CMYK	1.00, 0.04, 0.00, 0.50
HSL	182°, 100%, 25%
HSV	182°, 100%, 50%
XYZ	10.7903, 15.4514, 22.4924
YIQ	86.0920, -74.3170, -24.3090

Conversions

Conversions Part 2

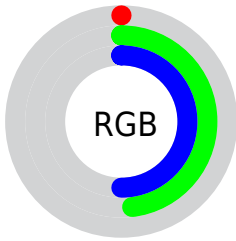
Format	Color
RYB	0, 62, 127
Decimal	31359
CIELab	46.25, -26.20, -10.91
CIElCh	46, 28.379, 202.603
Yxy	15.4514, 0.2214, 0.3171
Android (android.graphics.Color)	4278221439 (0xFF007A7F)
YUV	86.0920, 20.1676, -75.5027
Hunter-Lab	39.3082, -19.7903, -6.4103

Details

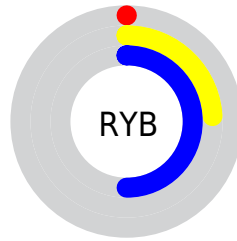
The Hex color **007A7F** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7F0500**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **51AFB4**, and **00494E** is the 20% darker color. If you saturate the color by 10%, you get **007A7F**, and if you desaturate by 10%, it is **0D7A7F**.

Distribution



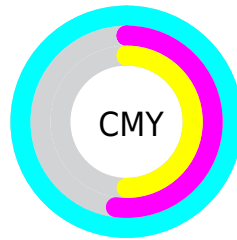
- Red (0%)
- Green (48%)
- Blue (50%)



- Red (0%)
- Yellow (24%)
- Blue (50%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A7F 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 007A7F by changing the saturation by 10% instead.

 007A7F

 007A7F

FFFFFF

 006166

 51AFB4

 00494E

 6ECACF

 003237

 8BE7EB

 001F22

 A7FFFF

 00000B

 C4FFFF

 000000

 E2FFFF

 007A7F

 0D7A7F

■ 197B7F

■ 267B7F

■ 337C7F

■ 407C7F

■ 4C7D7F

■ 597E7F

■ 667E7F

■ 727F7F

Harmonies

Analogous

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



2F7A67



007A7F



0C7793

Triad

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



007A7F



86618B



826A3E

Complementary

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



007A7F



7F0500

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.



946249



007A7F



975B74

Square

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



007A7F



686A99



9C5C5C



6B7241

Rectangle

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



007A7F



30749A



9C5C5C



896740

Sweetspot

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



007A7F



74A4A6



007F04



365354



D4D4D4



545454

Same Dimension

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



007A7F



009FA6



003B7F



393F40



007A80



000000

Inverse Universe

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



7F007A



A6009F



7F4400



40393F



80007A



000000

Previews

White Background



This preview shows how the Hex color 007A7F looks on a white background.

Color Contrast Check

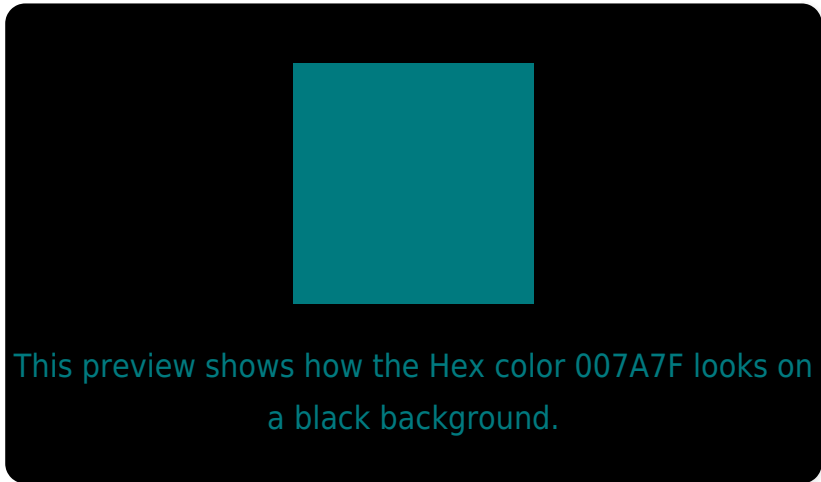
Large Text (above 18pt) WCAG AA ✓ Pass

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

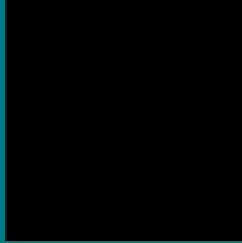
Any Text WCAG AA × Fail

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 007A7F Background



This preview shows how black text looks on a background with the Hex color 007A7F.



This preview shows how white text looks on a background with the Hex color 007A7F.

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
007A7F

Protanopia
6D6D76

Deuteranopia
6E6B82



Tritanopia
107983

Trichromacy



Original Color
007A7F

Protanomaly
457279

Deuteranomaly
467081

Tritanomaly
0A7982

Monochromacy



Original Color
007A7F

Achromatopsia
565656

Achromatomaly
376365

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A7F 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 #007A7F looks like.

```
.text, #text, p{  
    color:#007A7F  
}
```

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 #007A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A7F
}
```

Border

The CSS property to change the border of an element to Hex 007A7F 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
#007A7F }
```

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

```
.border{ border-color:#007A7F }
```

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

Here you see how a box with a 4 pixel #007A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A7F; -webkit-box-shadow:4px 4px  
4px 4px #007A7F; box-shadow:4px 4px 4px  
4px #007A7F }
```

Background

The CSS property to change the background color of an element to Hex 007A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A7F }
```

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

```
.background{ background-color:#007A7F }
```

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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