

Converting Colors

Hex(007F79)

Have a look what the booklet for
Hex(007F79) contains.

Hex(007F79)	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(007F79)

Conversions

Conversions Part 1

Format	Color
Hex	007F79
RGB	0, 127, 121
RGB Percent	0%, 50%, 47%
CMY	1.0000, 0.5020, 0.5255
CMYK	1.00, 0.00, 0.05, 0.50
HSL	177°, 100%, 25%
HSV	177°, 100%, 50%
XYZ	11.0406, 16.5592, 20.7035
YIQ	88.3430, -73.7660, -28.7900

Conversions

Conversions Part 2

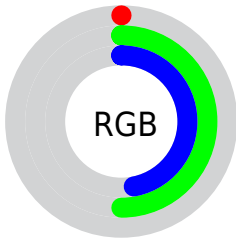
Format	Color
RYB	0, 65, 127
Decimal	32633
CIELab	47.70, -30.61, -5.18
CIELCh	48, 31.042, 189.606
Yxy	16.5592, 0.2286, 0.3428
Android (android.graphics.Color)	4278222713 (0xFF007F79)
YUV	88.3430, 16.0999, -77.4768
Hunter-Lab	40.6930, -22.7833, -1.6800

Details

The Hex color **007F79** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **7F0006**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **51B4AD**, and **004D49** is the 20% darker color. If you saturate the color by 10%, you get **007F79**, and if you desaturate by 10%, it is **0D7F7A**.

Distribution



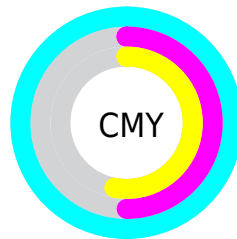
- Red (0%)
- Green (50%)
- Blue (47%)



- Red (0%)
- Yellow (25%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (5%)
- Black (50%)



- Cyan (100%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007F79 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 007F79 by changing the saturation by 10% instead.

 007F79

 007F79

FFFFFF

 006660

 51B4AD

 004D49

 6ED0C9

 003632

 8BEDE5

 00221D

 A8FFFF

 000003

 C5FFFF

 000000

 E2FFFF

 007F79

 0D7F7A

 197F7A

 267F7B

 337F7B

 407F7C

 4C7F7D

 597F7D

 667F7E

 727F7E

Harmonies

Analogous

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



3B7E5E



007F79



007E92

Triad

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



007F79



7F679A



916940

Complementary

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



007F79



7F0006

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.



A06151



007F79



995F84

Square

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



007F79



5871A5



A35C6A



7A723D

Rectangle

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



007F79



007B9E



A35C6A



976645

Sweetspot

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



007F79



74A6A3



067F00



365453



D4D4D4



545454

Same Dimension

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



007F79



00A69E



00467F



39403F



008079



000000

Inverse Universe

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



7F0006



A60008



7F3900



40393A



800006



000000

Previews

White Background



This preview shows how the Hex color 007F79 looks on a white background.

Color Contrast Check

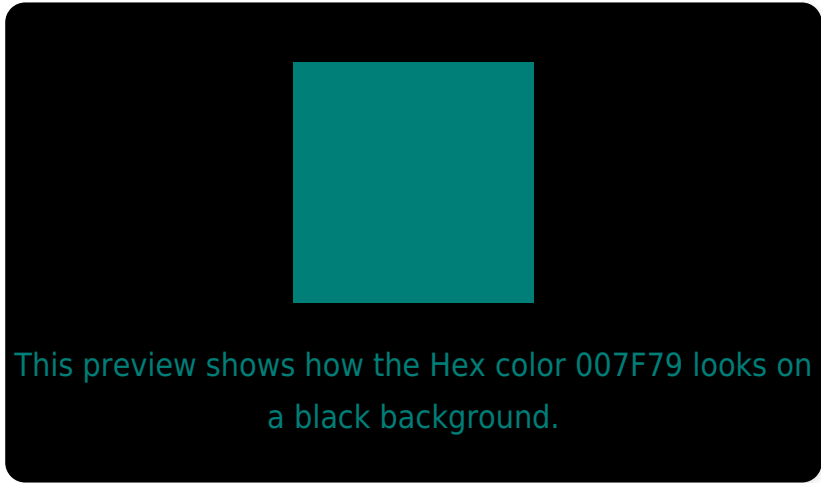
Large Text (above 18pt) WCAG AA ✓ Pass

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

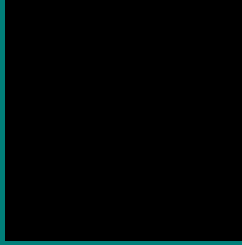
Any Text WCAG AA × Fail

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 007F79 Background



This preview shows how black text looks on a background with the Hex color 007F79.



This preview shows how white text looks on a background with the Hex color 007F79.

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
1C7D87

Trichromacy



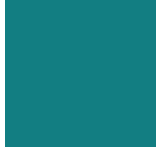
Original Color
007F79



Protanomaly
497573



Deuteranomaly
4B747C



Tritanomaly
127E82

Monochromacy



Original Color
007F79



Achromatopsia
585858



Achromatomaly
386664

CSS Examples

Text

The CSS property to change the color of the text to Hex 007F79 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 #007F79 looks like.

```
.text, #text, p{  
    color:#007F79  
}
```

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 #007F79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F79
}
```

Border

The CSS property to change the border of an element to Hex 007F79 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
#007F79 }
```

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

```
.border{ border-color:#007F79 }
```

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

Here you see how a box with a 4 pixel #007F79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F79; -webkit-box-shadow:4px 4px  
4px 4px #007F79; box-shadow:4px 4px 4px  
4px #007F79 }
```

Background

The CSS property to change the background color of an element to Hex 007F79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F79 }
```

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

```
.background{ background-color:#007F79 }
```

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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