

# Converting Colors

Hex(007D79)

Have a look what the booklet for  
Hex(007D79) contains.

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# Color

Hex(007D79)

# Conversions

## Conversions Part 1

Format	Color
Hex	007D79
RGB	0, 125, 121
RGB Percent	0%, 49%, 47%
CMY	1.0000, 0.5098, 0.5255
CMYK	1.00, 0.00, 0.03, 0.51
HSL	178°, 100%, 25%
HSV	178°, 100%, 49%
XYZ	10.7848, 16.0477, 20.6183
YIQ	87.1690, -73.2160, -27.7440

# Conversions

## Conversions Part 2

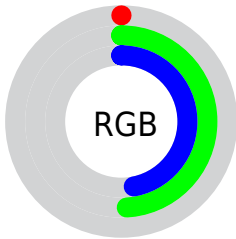
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 64, 125
Decimal	32121
CIELab	47.04, -29.65, -6.16
CIELCh	47, 30.283, 191.746
Yxy	16.0477, 0.2273, 0.3382
Android (android.graphics.Color)	4278222201 (0xFF007D79)
YUV	87.1690, 16.6787, -76.4472
Hunter-Lab	40.0596, -22.0487, -2.4742

# Details

The Hex color **007D79** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D0004**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **51B2AD**, and **004B49** is the 20% darker color. If you saturate the color by 10%, you get **007D79**, and if you desaturate by 10%, it is **0C7D79**.

# Distribution



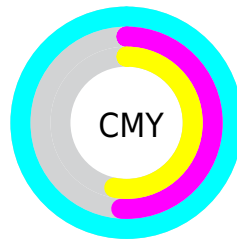
- Red (0%)
- Green (49%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (51%)



- Cyan (100%)
- Magenta (51%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007D79 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 007D79 by changing the saturation by 10% instead.



 007D79

 007D79

FFFFFF

 006460

 51B2AD

 004B49

 6ECEC9

 003432

 8AEAE5

 00211D

 A7FFFF

 000003

 C4FFFF

 000000

 E1FFFF

 007D79

 0C7D79

■ 197D7A

■ 267D7A

■ 327D7B

■ 3F7D7B

■ 4B7D7B

■ 577D7C

■ 647D7C

■ 717D7D

# Harmonies

## Analogous

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



397C5F



007D79



007B91

# Triad

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



007D79



7F6596



8D693F

# Complementary

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



007D79



7D0004

# 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.



9C604F



007D79



975D80

# Square

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



007D79



5A6FA1



A15B66



76713D

# Rectangle

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



007D79



10789C



A15B66



936643



# Sweetspot

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



007D79



72A3A2



047D00



345251



D1D1D1



525252



# Same Dimension

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



007D79



00A39E



00437D



394040



00807B



000000



# Inverse Universe

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



7D0004



A30005



7D3A00



40393A



800004



000000



# Previews

## White Background



This preview shows how the Hex color 007D79 looks on a white background.

## Color Contrast Check

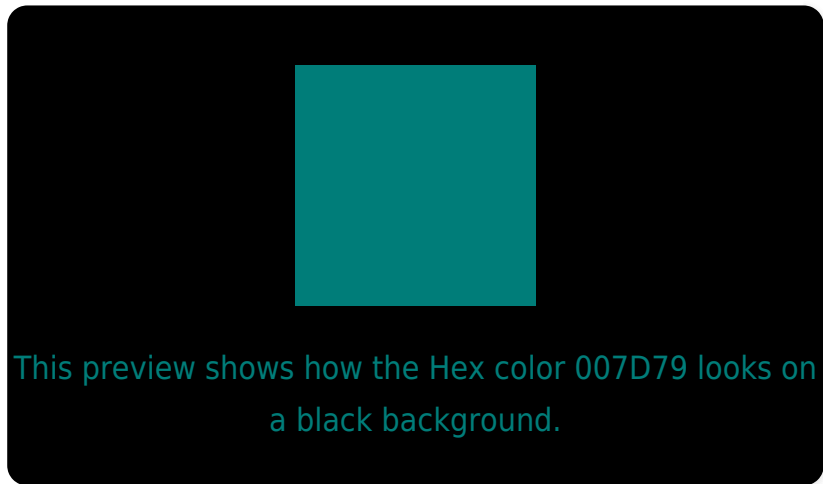
Large Text (above 18pt) WCAG AA ✓ Pass

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

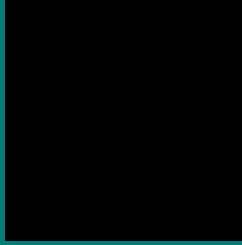
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007D79 Background



This preview shows how black text looks on a background with the Hex color 007D79.



This preview shows how white text looks on a background with the Hex color 007D79.

# 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**  
007D79

**Protanopia**  
716F70

**Deuteranopia**  
746C7D



**Tritanopia**  
1A7B85

# Trichromacy



**Original Color**  
007D79



**Protanomaly**  
487473



**Deuteranomaly**  
4A727C



**Tritanomaly**  
117C81

# Monochromacy



**Original Color**  
007D79



**Achromatopsia**  
575757



**Achromatomaly**  
376563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007D79 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 #007D79 looks like.

```
.text, #text, p{  
    color:#007D79  
}
```

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 #007D79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007D79
}
```

## Border

The CSS property to change the border of an element to Hex 007D79 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
#007D79 }
```

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

```
.border{ border-color:#007D79 }
```

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

Here you see how a box with a 4 pixel #007D79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007D79; -webkit-box-shadow:4px 4px  
4px 4px #007D79; box-shadow:4px 4px 4px  
4px #007D79 }
```

# Background

The CSS property to change the background color of an element to Hex 007D79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007D79 }
```

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

```
.background{ background-color:#007D79 }
```

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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