

Converting Colors

Hex(007983)

Have a look what the booklet for
Hex(007983) contains.

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Color

Hex(007983)

Conversions

Conversions Part 1

Format	Color
Hex	007983
RGB	0, 121, 131
RGB Percent	0%, 47%, 51%
CMY	1.0000, 0.5255, 0.4863
CMYK	1.00, 0.08, 0.00, 0.49
HSL	185°, 100%, 26%
HSV	185°, 100%, 51%
XYZ	10.9341, 15.3134, 23.8522
YIQ	85.9610, -75.3260, -22.5420

Conversions

Conversions Part 2

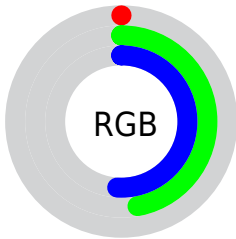
Format	Color
RYB	0, 63, 131
Decimal	31107
CIELab	46.06, -24.33, -13.56
CIELCh	46, 27.853, 209.141
Yxy	15.3134, 0.2182, 0.3057
Android (android.graphics.Color)	4278221187 (0xFF007983)
YUV	85.9610, 22.2042, -75.3878
Hunter-Lab	39.1324, -18.6064, -8.7462

Details

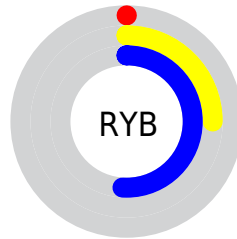
The Hex color **007983** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **830A00**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **52AEB8**, and **004852** is the 20% darker color. If you saturate the color by 10%, you get **007983**, and if you desaturate by 10%, it is **0D7A83**.

Distribution



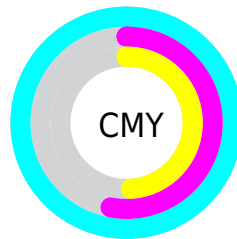
- Red (0%)
- Green (47%)
- Blue (51%)



- Red (0%)
- Yellow (25%)
- Blue (51%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (53%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007983 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 007983 by changing the saturation by 10% instead.

 007983

 007983

FFFFFF

 00606A

 52AEB8

 004852

 6FC9D4

 00313B

 8BE5F0

 001E25

 A8FFFF

 000110

 C5FFFF

 000000

 E3FFFF

 007983

 0D7A83

 1A7B83

 277C83

 347D83

 427E83

 4F7F83

 5C8083

 698183

 768283

Harmonies

Analogous

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



28796C



007983



1D7695

Triad

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



007983



8A5F85



7D6B3E

Complementary

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



007983



830A00

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.



906346



007983



985B6F

Square

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



007983



6F6796



9A5D58



657244

Rectangle

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



007983



3C729A



9A5D58



84693F

Sweetspot

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



007983



78A7AB



008309



375457



D6D6D6



575757

Same Dimension

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



007983



009EAB



003983



3C4242



007882



000203

Inverse Universe

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



830079



AB009E



834A00



423C42



820078



030002

Previews

White Background



This preview shows how the Hex color 007983 looks on a white background.

Color Contrast Check

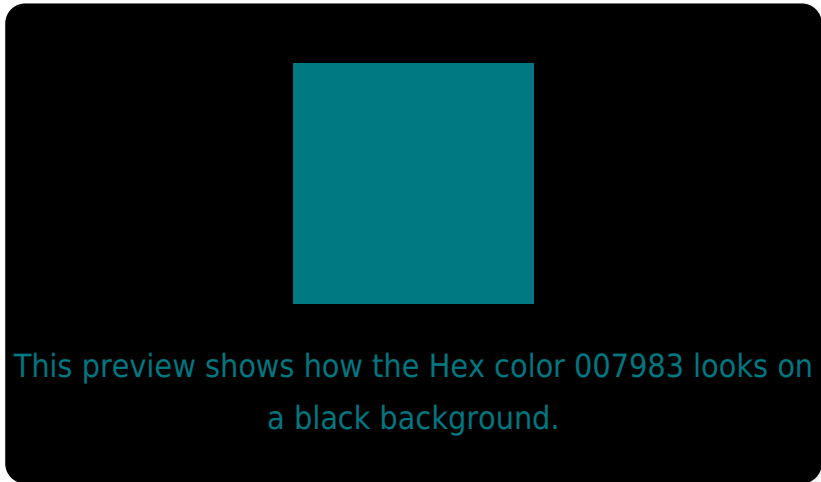
Large Text (above 18pt) WCAG AA ✓ Pass

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

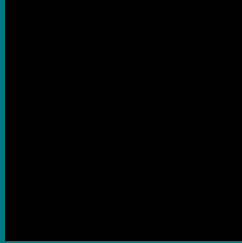
Any Text WCAG AA × Fail

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 007983 Background



This preview shows how black text looks on a background with the Hex color 007983.

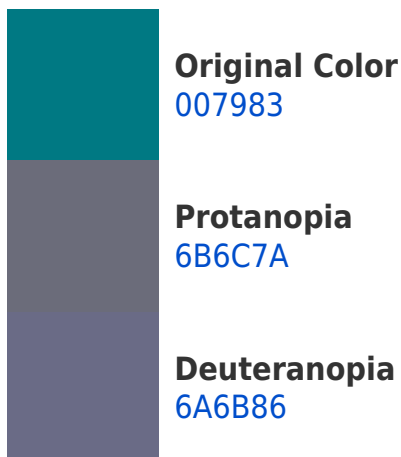


This preview shows how white text looks on a background with the Hex color 007983.

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





Trichromacy



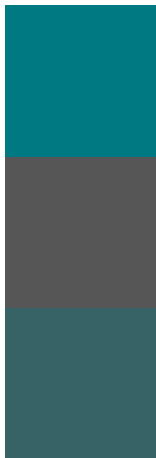
Original Color
007983

Protanomaly
44717D

Deuteranomaly
437085

Tritanomaly
007983

Monochromacy



Original Color
007983

Achromatopsia
565656

Achromatomaly
376366

CSS Examples

Text

The CSS property to change the color of the text to Hex 007983 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 #007983 looks like.

```
.text, #text, p{  
    color:#007983  
}
```

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 #007983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007983
}
```

Border

The CSS property to change the border of an element to Hex 007983 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
#007983 }
```

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

```
.border{ border-color:#007983 }
```

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

Here you see how a box with a 4 pixel #007983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007983; -webkit-box-shadow:4px 4px  
4px 4px #007983; box-shadow:4px 4px 4px  
4px #007983 }
```

Background

The CSS property to change the background color of an element to Hex 007983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007983 }
```

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

```
.background{ background-color:#007983 }
```

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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