

# Converting Colors

Hex(079881)

Have a look what the booklet for  
Hex(079881) contains.

<b>Hex(079881)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(079881)**

# Conversions

## Conversions Part 1

Format	Color
Hex	079881
RGB	7, 152, 129
RGB Percent	3%, 60%, 51%
CMY	0.9725, 0.4039, 0.4941
CMYK	0.95, 0.00, 0.15, 0.40
HSL	170°, 91%, 31%
HSV	170°, 95%, 60%
XYZ	15.2783, 24.0866, 24.6128
YIQ	106.0230, -79.0370, -37.8930

# Conversions

## Conversions Part 2

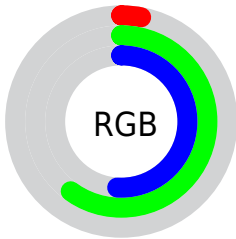
<b>Format</b>	<b>Color</b>
<b>RYB</b>	7, 86, 152
Decimal	497793
CIELab	56.17, -39.23, 2.61
CIELCh	56, 39.321, 176.200
Yxy	24.0866, 0.2388, 0.3765
Android (android.graphics.Color)	4278687873 (0xFF079881)
YUV	106.0230, 11.3277, -86.8432
Hunter-Lab	49.0781, -30.3186, 4.6206

# Details

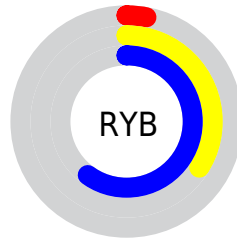
The Hex color **079881** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **98071E**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59CFB6**, and **006450** is the 20% darker color. If you saturate the color by 10%, you get **009880**, and if you desaturate by 10%, it is **169883**.

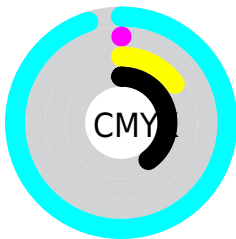
# Distribution



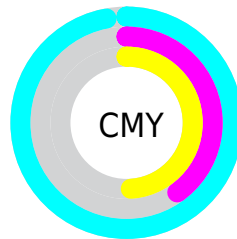
- Red (3%)
- Green (60%)
- Blue (51%)



- Red (3%)
- Yellow (34%)
- Blue (60%)



- Cyan (95%)
- Magenta (0%)
- Yellow (15%)
- Black (40%)



- Cyan (97%)
- Magenta (40%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 079881 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 079881 by changing the saturation by 10% instead.




 079881

 079881

FFFFFF

 007E68

 59CFB6

 006450

 77ECD1

 004B39

 95FFEE

 003324

 B2FFFF


 001E0E

 D0FFFF

 000000

 EEEFFF

 079881

 079881

 009880

 169883

■ 259886

■ 359888

■ 44988B

■ 53988D

■ 62988F

■ 719892

■ 819894

■ 909897

# Harmonies

## Analogous

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



54955F



079881



0098A4

# Triad

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



079881



837FC4



B9774F

# Complementary

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



079881



98071E

# 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.



C76D6A



079881



AD73AD

# Square

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



079881



438CCB



C46B8C



9F8341

# Rectangle

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



079881



0096B7



C46B8C



BF7357



# Sweetspot

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



079881



8BC4BB



1F9807



41635E



E3E3E3



636363



# Same Dimension

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



079881



00C4A5



076898



454D4B



008C76



000D0B



# Inverse Universe

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



98071E



C4001F



983707



4D4546



8C0016



0D0002



# Previews

## White Background



This preview shows how the Hex color 079881 looks on a white background.

## Color Contrast Check

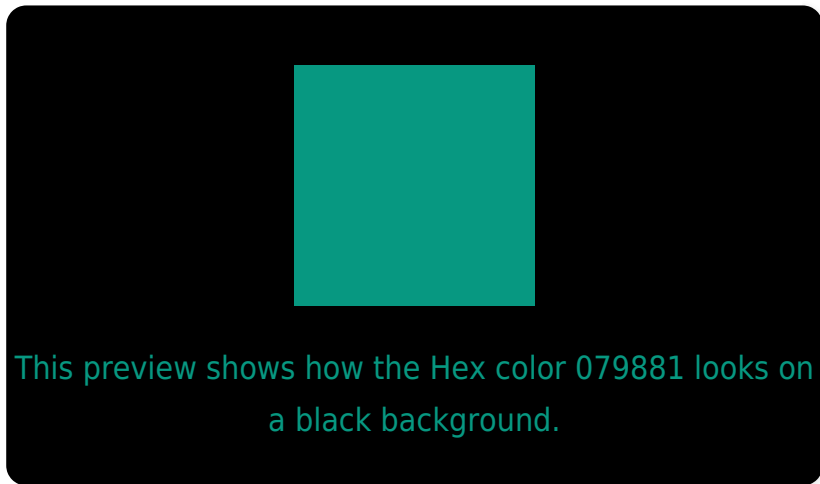
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

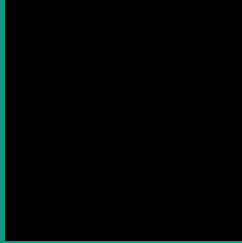
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 079881 Background



This preview shows how black text looks on a background with the Hex color 079881.

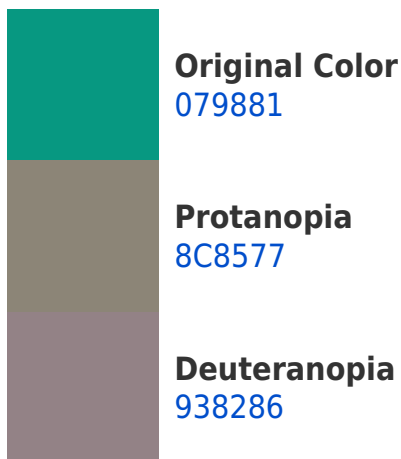


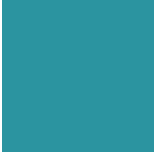
This preview shows how white text looks on a background with the Hex color 079881.

# 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**  
2B94A0

# Trichromacy



**Original Color**  
079881



**Protanomaly**  
5C8C7B



**Deuteranomaly**  
608A84



**Tritanomaly**  
1E9595

# Monochromacy



**Original Color**  
079881



**Achromatopsia**  
6A6A6A



**Achromatomaly**  
467B72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 079881 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 #079881 looks like.

```
.text, #text, p{  
    color:#079881  
}
```

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 #079881 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #079881
}
```

## Border

The CSS property to change the border of an element to Hex 079881 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
#079881 }
```

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

```
.border{ border-color:#079881 }
```

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

Here you see how a box with a 4 pixel #079881 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #079881; -webkit-box-shadow:4px 4px  
4px 4px #079881; box-shadow:4px 4px 4px  
4px #079881 }
```

# Background

The CSS property to change the background color of an element to Hex 079881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#079881 }
```

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

```
.background{ background-color:#079881 }
```

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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