

# Converting Colors

Hex(007891)

Have a look what the booklet for  
Hex(007891) contains.

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# Color

**Hex(007891)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	007891
RGB	0, 120, 145
RGB Percent	0%, 47%, 57%
CMY	1.0000, 0.5294, 0.4314
CMYK	1.00, 0.17, 0.00, 0.43
HSL	190°, 100%, 28%
HSV	190°, 100%, 57%
XYZ	11.8273, 15.4773, 29.1521
YIQ	86.9700, -79.5450, -17.6650

# Conversions

## Conversions Part 2

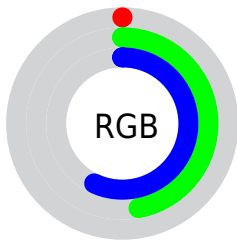
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 66, 145
Decimal	30865
CIELab	46.28, -18.83, -21.52
CIELCh	46, 28.597, 228.819
Yxy	15.4773, 0.2095, 0.2741
Android (android.graphics.Color)	4278220945 (0xFF007891)
YUV	86.9700, 28.6088, -76.2727
Hunter-Lab	39.3412, -15.1838, -16.3955

# Details

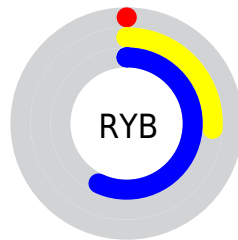
The Hex color **007891** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **911900**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54ACC7**, and **00475E** is the 20% darker color. If you saturate the color by 10%, you get **007891**, and if you desaturate by 10%, it is **0E7A91**.

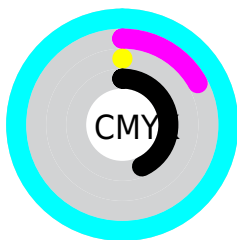
# Distribution



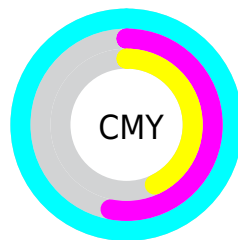
- Red (0%)
- Green (47%)
- Blue (57%)



- Red (0%)
- Yellow (26%)
- Blue (57%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (53%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 007891 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 007891 by changing the saturation by 10% instead.



 007891

 007891

FFFFFF

 005F77

 54ACC7

 00475E

 72C8E3

 003147

 8FE4FF

 001D30

 ACFFFF

 00011B

 C9FFFF

 000000

 E6FFFF

 007891

 0E7A91

 1D7D91

 2C7F91

 3A8291

 498491

 578791

 668A91

 748C91

 838F91

# Harmonies

## Analogous

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



037A7C



007891



39739C

# Triad

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



007891



965C78



6E713F

# Complementary

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



007891



911900

# 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.



85693F



007891



9C5B5F

# Square

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



007891



83628D



96614B



53774D

# Rectangle

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



007891



566E9D



96614B



766F3E



# Sweetspot

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



007891



84B3BD



009118



3C585E



DEDEDE



5E5E5E



# Same Dimension

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



007891



009CBD



003091



404647



007087



000608



# Inverse Universe

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



910078



BD009C



916100



474046



870070



080006



# Previews

## White Background



This preview shows how the Hex color 007891 looks on a white background.

## Color Contrast Check

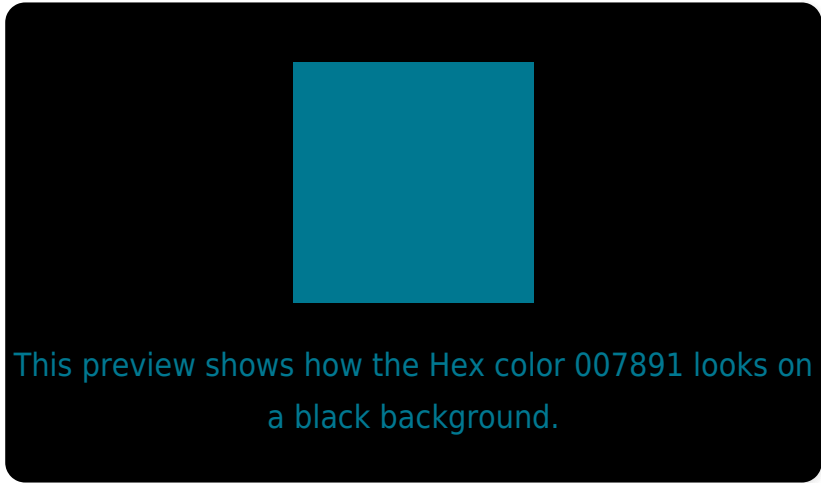
Large Text (above 18pt) WCAG AA ✓ Pass

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

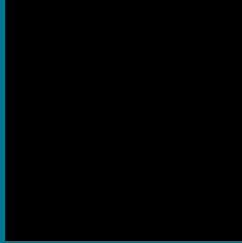
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 007891 Background



This preview shows how black text looks on a background with the Hex color 007891.

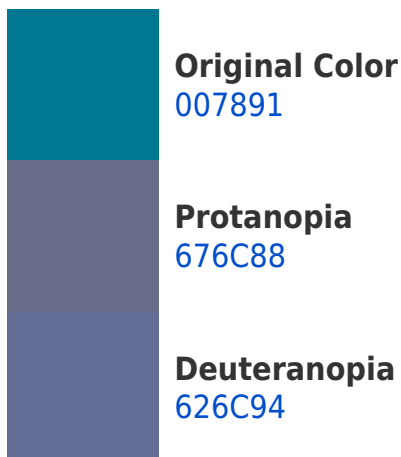


This preview shows how white text looks on a background with the Hex color 007891.

# 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**  
007891

**Protanomaly**  
42708B

**Deuteranomaly**  
3E7093

# Monochromacy



**Original Color**  
007891

**Achromatopsia**  
575757

**Achromatomaly**  
37636C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 007891 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 #007891 looks like.

```
.text, #text, p{  
    color:#007891  
}
```

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 #007891 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007891
}
```

## Border

The CSS property to change the border of an element to Hex 007891 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
#007891 }
```

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

```
.border{ border-color:#007891 }
```

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

Here you see how a box with a 4 pixel #007891 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007891; -webkit-box-shadow:4px 4px  
4px 4px #007891; box-shadow:4px 4px 4px  
4px #007891 }
```

# Background

The CSS property to change the background color of an element to Hex 007891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007891 }
```

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

```
.background{ background-color:#007891 }
```

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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