

Converting Colors

Hex(007895)

Have a look what the booklet for
Hex(007895) contains.

Hex(007895)	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(007895)

Conversions

Conversions Part 1

Format	Color
Hex	007895
RGB	0, 120, 149
RGB Percent	0%, 47%, 58%
CMY	1.0000, 0.5294, 0.4157
CMYK	1.00, 0.19, 0.00, 0.42
HSL	192°, 100%, 29%
HSV	192°, 100%, 58%
XYZ	12.1413, 15.6029, 30.8055
YIQ	87.4260, -80.8290, -16.4210

Conversions

Conversions Part 2

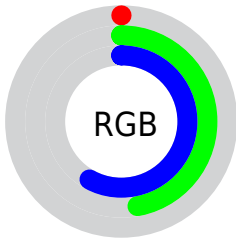
Format	Color
RYB	0, 66, 149
Decimal	30869
CIELab	46.45, -17.36, -23.63
CIELCh	46, 29.320, 233.686
Yxy	15.6029, 0.2074, 0.2665
Android (android.graphics.Color)	4278220949 (0xFF007895)
YUV	87.4260, 30.3560, -76.6726
Hunter-Lab	39.5005, -14.2601, -18.5886

Details

The Hex color **007895** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **951D00**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **55ACCB**, and **004762** is the 20% darker color. If you saturate the color by 10%, you get **007895**, and if you desaturate by 10%, it is **0F7B95**.

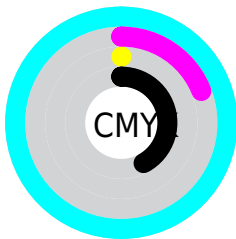
Distribution



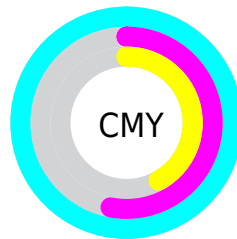
- Red (0%)
- Green (47%)
- Blue (58%)



- Red (0%)
- Yellow (26%)
- Blue (58%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007895 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 007895 by changing the saturation by 10% instead.

 007895

 007895

FFFFFF

 005F7B

 55ACCB

 004762

 73C8E7

 00314A


 90E4FF

 001D33

 ADFFFF

 00021E

 CAFFFF

 000001

 E8FFFF

 000000

 007895

 0F7B95

■ 1E7E95

■ 2D8195

■ 3C8495

■ 4B8695

■ 598995

■ 688C95

■ 778F95

■ 869295

Harmonies

Analogous

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



007B81



007895



3F729F

Triad

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



007895



9A5B74



6A7340

Complementary

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



007895



951D00

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.



836B3D



007895



9D5C5C

Square

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



007895



88618B



956247



4D7850

Rectangle

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



007895



5C6D9E



956247



73703D

Sweetspot

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



007895



88B6C2



00951B



3E5A61



E0E0E0



616161

Same Dimension

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



007895



009CC2



002F95



43494A



006F8A



00080A

Inverse Universe

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



950078



C2009C



956600



4A4349



8A006F



0A0008

Previews

White Background



This preview shows how the Hex color 007895 looks on a white background.

Color Contrast Check

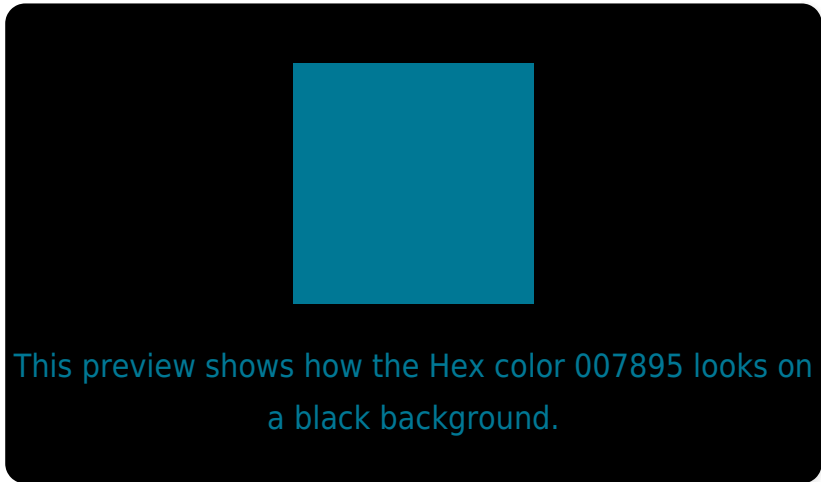
Large Text (above 18pt) WCAG AA ✓ Pass

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

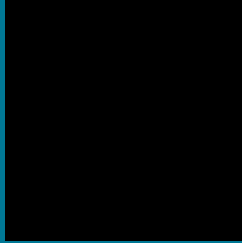
Any Text WCAG AA × Fail

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 007895 Background



This preview shows how black text looks on a background with the Hex color 007895.

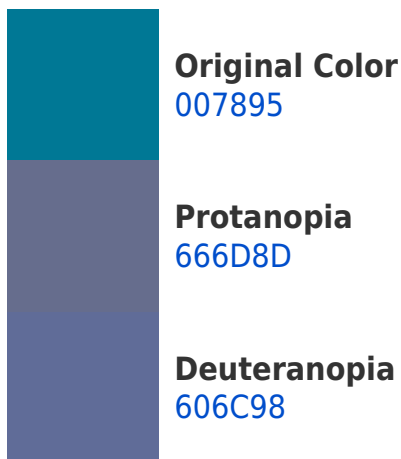


This preview shows how white text looks on a background with the Hex color 007895.

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](#).

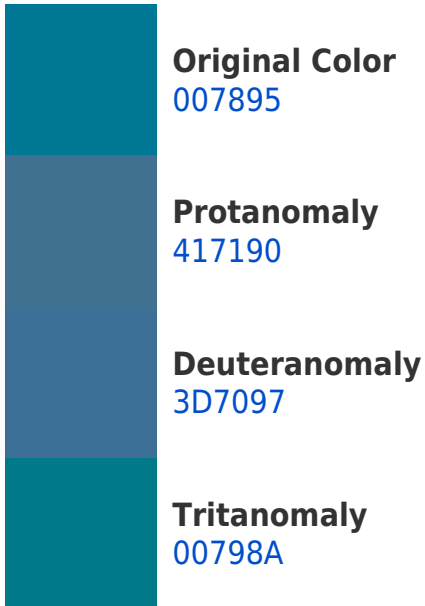
Dichromacy



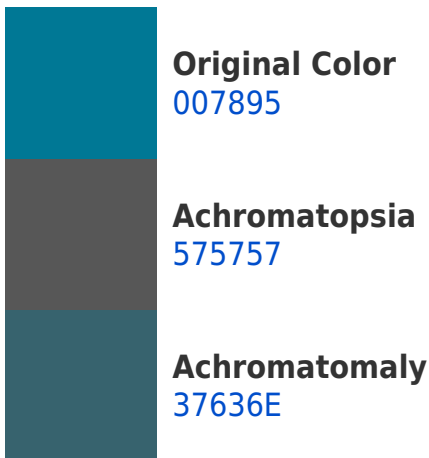


Tritanopia
007A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 007895 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 #007895 looks like.

```
.text, #text, p{  
    color:#007895  
}
```

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 #007895 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007895
}
```

Border

The CSS property to change the border of an element to Hex 007895 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
#007895 }
```

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

```
.border{ border-color:#007895 }
```

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

Here you see how a box with a 4 pixel #007895 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007895; -webkit-box-shadow:4px 4px  
4px 4px #007895; box-shadow:4px 4px 4px  
4px #007895 }
```

Background

The CSS property to change the background color of an element to Hex 007895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007895 }
```

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

```
.background{ background-color:#007895 }
```

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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