

Converting Colors

Hex(007994)

Have a look what the booklet for
Hex(007994) contains.

Hex(007994)	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(007994)

Conversions

Conversions Part 1

Format	Color
Hex	007994
RGB	0, 121, 148
RGB Percent	0%, 47%, 58%
CMY	1.0000, 0.5255, 0.4196
CMYK	1.00, 0.18, 0.00, 0.42
HSL	191°, 100%, 29%
HSV	191°, 100%, 58%
XYZ	12.1827, 15.8129, 30.4271
YIQ	87.8990, -80.7830, -17.2550

Conversions

Conversions Part 2

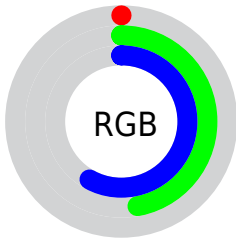
Format	Color
RYB	0, 67, 148
Decimal	31124
CIELab	46.73, -18.28, -22.60
CIELCh	47, 29.071, 231.038
Yxy	15.8129, 0.2085, 0.2707
Android (android.graphics.Color)	4278221204 (0xFF007994)
YUV	87.8990, 29.6298, -77.0874
Hunter-Lab	39.7654, -14.9035, -17.5308

Details

The Hex color **007994** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **941B00**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **55AECA**, and **004861** is the 20% darker color. If you saturate the color by 10%, you get **007994**, and if you desaturate by 10%, it is **0F7C94**.

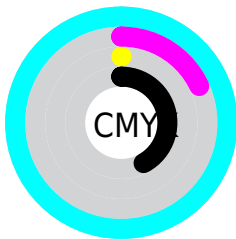
Distribution



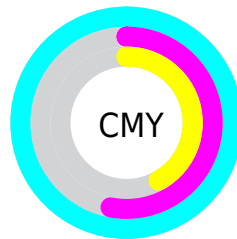
- Red (0%)
- Green (47%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (18%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007994 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 007994 by changing the saturation by 10% instead.

 007994

 007994

FFFFFF

 00607A

 55AECA

 004861

 72C9E6

 003149

 90E5FF

 001E33

 ADFFFF

 00021E

 CAFFFF

 000000

 E8FFFF

 007994

 0F7C94

 1E7E94

 2C8194

 3B8494

 4A8794

 598994

 688C94

 768F94

 859194

Harmonies

Analogous

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



007C7F



007994



3C739F

Triad

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



007994



995C77



6D7340

Complementary

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



007994



941B00

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.



856B3E



007994



9E5C5E

Square

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



007994



86628E



96624A



51784F

Rectangle

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



007994



5A6E9E



96624A



76703E

Sweetspot

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



007994



86B5BF



009419



3E5B61



E0E0E0



616161

Same Dimension

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



007994



009CBF



003194



43494A



00718A



00080A

Inverse Universe

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



940079



BF009C



946300



4A4349



8A0071



0A0008

Previews

White Background



This preview shows how the Hex color 007994 looks on a white background.

Color Contrast Check

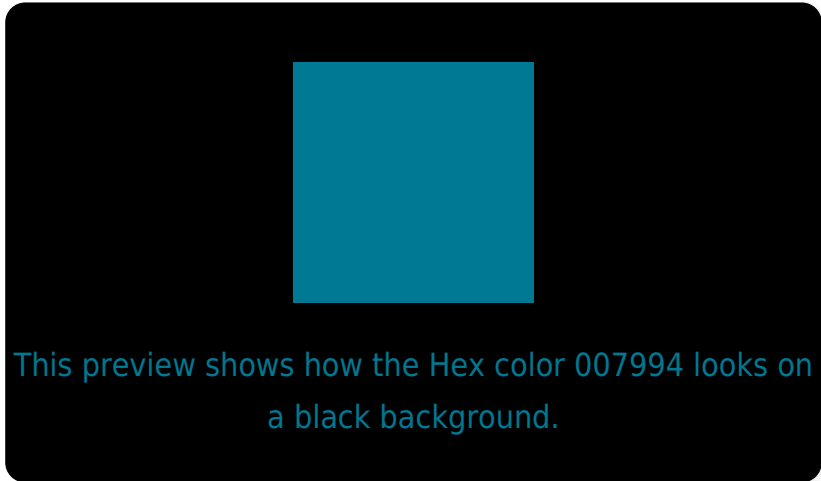
Large Text (above 18pt) WCAG AA ✓ Pass

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

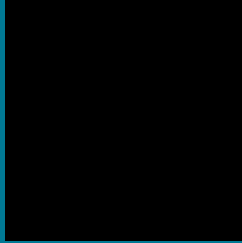
Any Text WCAG AA × Fail

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 007994 Background



This preview shows how black text looks on a background with the Hex color 007994.

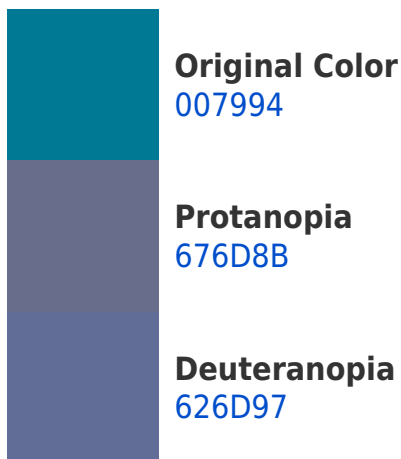


This preview shows how white text looks on a background with the Hex color 007994.

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
007B84

Trichromacy



Original Color
007994

Protanomaly
42718E

Deuteranomaly
3E7196

Tritanomaly
007A8A

Monochromacy



Original Color
007994

Achromatopsia
585858

Achromatomaly
38646E

CSS Examples

Text

The CSS property to change the color of the text to Hex 007994 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 #007994 looks like.

```
.text, #text, p{  
    color:#007994  
}
```

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 #007994 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007994
}
```

Border

The CSS property to change the border of an element to Hex 007994 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
#007994 }
```

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

```
.border{ border-color:#007994 }
```

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

Here you see how a box with a 4 pixel #007994 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007994; -webkit-box-shadow:4px 4px  
4px 4px #007994; box-shadow:4px 4px 4px  
4px #007994 }
```

Background

The CSS property to change the background color of an element to Hex 007994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007994 }
```

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

```
.background{ background-color:#007994 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor