

Converting Colors

Hex(007C94)

Have a look what the booklet for
Hex(007C94) contains.

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Color

Hex(007C94)

Conversions

Conversions Part 1

Format	Color
Hex	007C94
RGB	0, 124, 148
RGB Percent	0%, 49%, 58%
CMY	1.0000, 0.5137, 0.4196
CMYK	1.00, 0.16, 0.00, 0.42
HSL	190°, 100%, 29%
HSV	190°, 100%, 58%
XYZ	12.5529, 16.5534, 30.5505
YIQ	89.6600, -81.6080, -18.8240

Conversions

Conversions Part 2

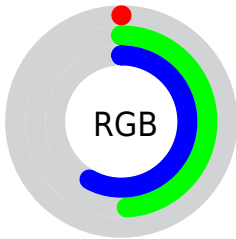
Format	Color
RYB	0, 67, 148
Decimal	31892
CIELab	47.69, -19.91, -21.12
CIElCh	48, 29.023, 226.690
Yxy	16.5534, 0.2104, 0.2775
Android (android.graphics.Color)	4278221972 (0xFF007C94)
YUV	89.6600, 28.7616, -78.6318
Hunter-Lab	40.6859, -16.1272, -16.0399

Details

The Hex color **007C94** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **941800**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **55B1CA**, and **004B61** is the 20% darker color. If you saturate the color by 10%, you get **007C94**, and if you desaturate by 10%, it is **0F7E94**.

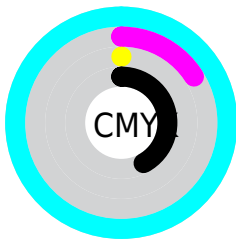
Distribution



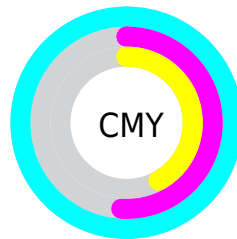
- Red (0%)
- Green (49%)
- Blue (58%)



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



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (51%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007C94 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 007C94 by changing the saturation by 10% instead.

 007C94

 007C94

FFFFFF

 00637A

 55B1CA

 004B61

 73CCE6

 003449

 90E9FF

 002033

 ADFFFF

 00021E

 CBFFFF

 000000

 E8FFFF

 007C94

 0F7E94

 1E8194

 2C8394

 3B8694

 4A8894

 598A94

 688D94

 768F94

 859294

Harmonies

Analogous

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



0C7E7E



007C94



3977A0

Triad

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



007C94



9A5F7D



737441

Complementary

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



007C94



941800

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.



8B6C42



007C94



A15E64

Square

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



007C94



856693



9B644F



587A4F

Rectangle

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



007C94



5672A1



9B644F



7C7140

Sweetspot

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



007C94



86B6BF



009416



3E5B61



E0E0E0



616161

Same Dimension

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



007C94



00A0BF



003494



43494A



00738A



00090A

Inverse Universe

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



94007C



BF00A0



946000



4A4349



8A0073



0A0009

Previews

White Background



This preview shows how the Hex color 007C94 looks on a white background.

Color Contrast Check

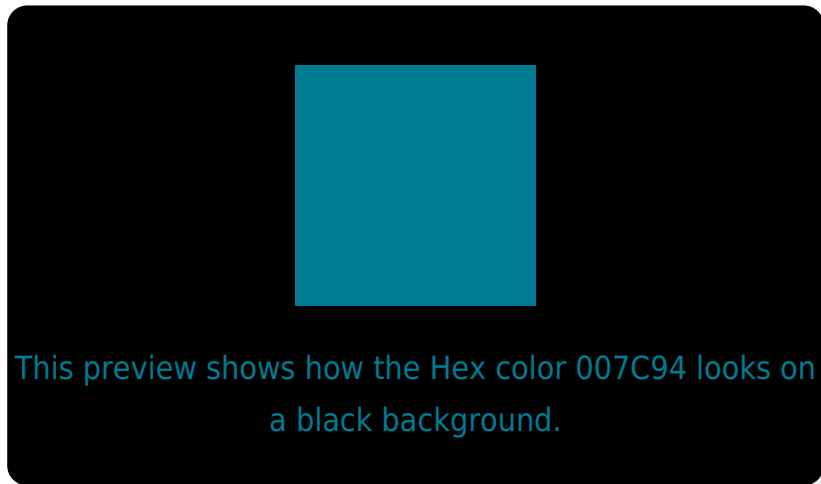
Large Text (above 18pt) WCAG AA ✓ Pass

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

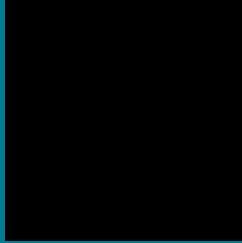
Any Text WCAG AA × Fail

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 007C94 Background



This preview shows how black text looks on a background with the Hex color 007C94.

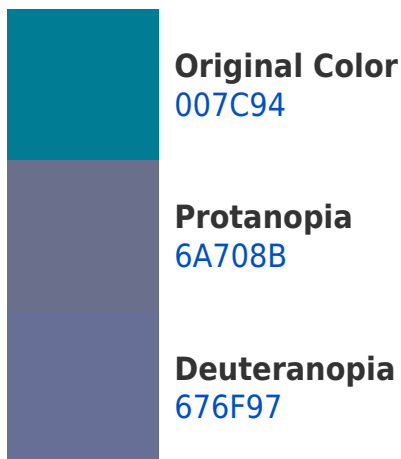


This preview shows how white text looks on a background with the Hex color 007C94.

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



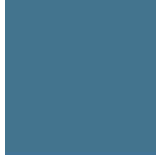


Tritanopia
007D87

Trichromacy



Original Color
007C94



Protanomaly
43748E



Deuteranomaly
427496



Tritanomaly
007D8C

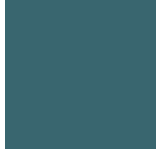
Monochromacy



Original Color
007C94



Achromatopsia
5A5A5A



Achromatomaly
39666F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007C94 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 #007C94 looks like.

```
.text, #text, p{  
    color:#007C94  
}
```

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 #007C94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C94
}
```

Border

The CSS property to change the border of an element to Hex 007C94 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
#007C94 }
```

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

```
.border{ border-color:#007C94 }
```

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

Here you see how a box with a 4 pixel #007C94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C94; -webkit-box-shadow:4px 4px  
4px 4px #007C94; box-shadow:4px 4px 4px  
4px #007C94 }
```

Background

The CSS property to change the background color of an element to Hex 007C94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C94 }
```

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

```
.background{ background-color:#007C94 }
```

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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