

Converting Colors

Hex(007F93)

Have a look what the booklet for
Hex(007F93) contains.

Hex(007F93)	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(007F93)

Conversions

Conversions Part 1

Format	Color
Hex	007F93
RGB	0, 127, 147
RGB Percent	0%, 50%, 58%
CMY	1.0000, 0.5020, 0.4235
CMYK	1.00, 0.14, 0.00, 0.42
HSL	188°, 100%, 29%
HSV	188°, 100%, 58%
XYZ	12.8558, 17.2853, 30.2626
YIQ	91.3070, -82.1120, -20.7040

Conversions

Conversions Part 2

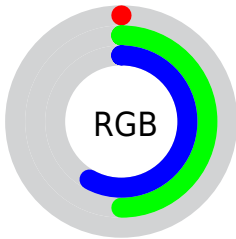
Format	Color
RYB	0, 68, 147
Decimal	32659
CIELab	48.62, -21.86, -19.11
CIELCh	49, 29.039, 221.155
Yxy	17.2853, 0.2128, 0.2862
Android (android.graphics.Color)	4278222739 (0xFF007F93)
YUV	91.3070, 27.4566, -80.0762
Hunter-Lab	41.5756, -17.5624, -14.0538

Details

The Hex color **007F93** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **931400**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **55B4C9**, and **004E60** is the 20% darker color. If you saturate the color by 10%, you get **007F93**, and if you desaturate by 10%, it is **0F8193**.

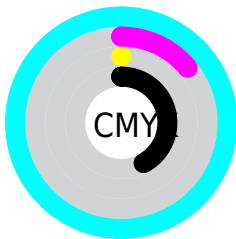
Distribution



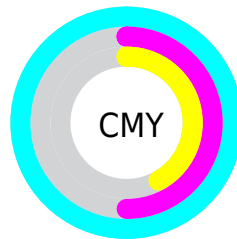
- Red (0%)
- Green (50%)
- Blue (58%)



- Red (0%)
- Yellow (27%)
- Blue (58%)



- Cyan (100%)
- Magenta (14%)
- Yellow (0%)
- Black (42%)



- Cyan (100%)
- Magenta (50%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007F93 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 007F93 by changing the saturation by 10% instead.

 007F93

 007F93

FFFFFF

 006679

 55B4C9

 004E60

 73D0E5

 003649

 90ECFF

 002232

 ADFFFF

 00021D

 CBFFFF

 000000

 E9FFFF

 007F93

 0F8193

 1D8393

 2C8593

 3B8793

 4A8993

 588B93

 678D93

 768F93

 849193

Harmonies

Analogous

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



1B817C



007F93



337AA1

Triad

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



007F93



996284



7B7543

Complementary

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



007F93



931400

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.



916D45



007F93



A3606B

Square

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



007F93



826A99



9F6554



607B4E

Rectangle

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



007F93



5176A4



9F6554



837242

Sweetspot

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



007F93



86B7BF



009314



3E5C61



E0E0E0



616161

Same Dimension

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



007F93



00A5BF



003693



43494A



00778A



00090A

Inverse Universe

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



93007F



BF00A5



935D00



4A4349



8A0077



0A0009

Previews

White Background



This preview shows how the Hex color 007F93 looks on a white background.

Color Contrast Check

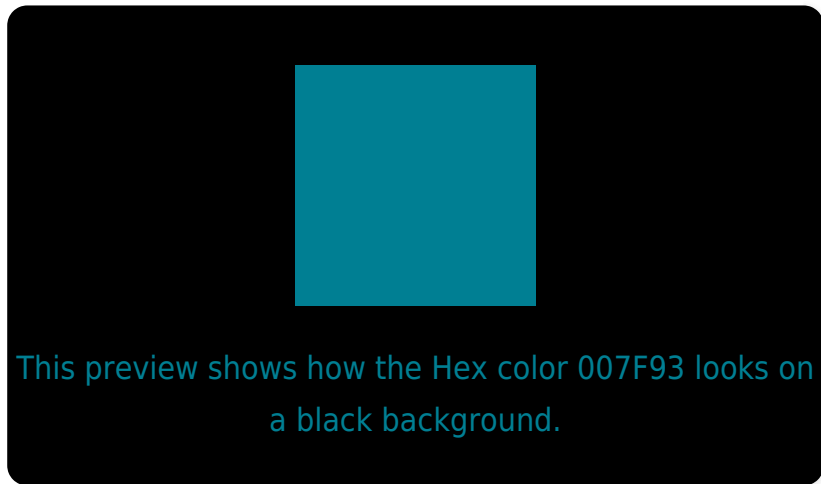
Large Text (above 18pt) WCAG AA ✓ Pass

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

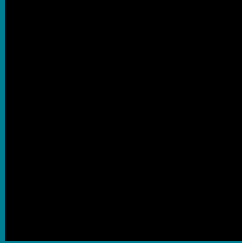
Any Text WCAG AA × Fail

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 007F93 Background



This preview shows how black text looks on a background with the Hex color 007F93.

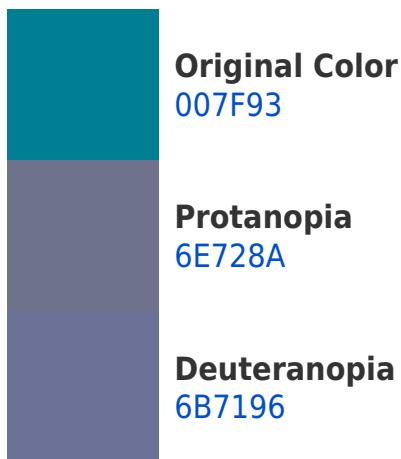


This preview shows how white text looks on a background with the Hex color 007F93.

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



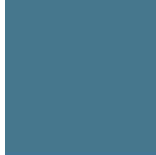


Tritanopia
00808A

Trichromacy



Original Color
007F93



Protanomaly
46778D



Deuteranomaly
447695



Tritanomaly
00808D

Monochromacy



Original Color
007F93



Achromatopsia
5B5B5B



Achromatomaly
3A686F

CSS Examples

Text

The CSS property to change the color of the text to Hex 007F93 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 #007F93 looks like.

```
.text, #text, p{  
    color:#007F93  
}
```

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 #007F93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007F93
}
```

Border

The CSS property to change the border of an element to Hex 007F93 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
#007F93 }
```

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

```
.border{ border-color:#007F93 }
```

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

Here you see how a box with a 4 pixel #007F93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007F93; -webkit-box-shadow:4px 4px  
4px 4px #007F93; box-shadow:4px 4px 4px  
4px #007F93 }
```

Background

The CSS property to change the background color of an element to Hex 007F93 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007F93 }
```

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

```
.background{ background-color:#007F93 }
```

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