

Converting Colors

Hex(007B97)

Have a look what the booklet for
Hex(007B97) contains.

Hex(007B97)	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(007B97)

Conversions

Conversions Part 1

Format	Color
Hex	007B97
RGB	0, 123, 151
RGB Percent	0%, 48%, 59%
CMY	1.0000, 0.5176, 0.4078
CMYK	1.00, 0.19, 0.00, 0.41
HSL	191°, 100%, 30%
HSV	191°, 100%, 59%
XYZ	12.6689, 16.4003, 31.7760
YIQ	89.4150, -82.2960, -17.3680

Conversions

Conversions Part 2

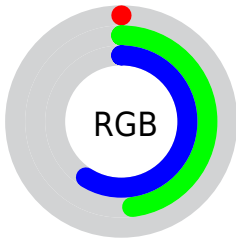
Format	Color
RYB	0, 68, 151
Decimal	31639
CIELab	47.50, -18.28, -23.19
CIELCh	47, 29.524, 231.752
Yxy	16.4003, 0.2082, 0.2695
Android (android.graphics.Color)	4278221719 (0xFF007B97)
YUV	89.4150, 30.3614, -78.4170
Hunter-Lab	40.4973, -15.0296, -18.1736

Details

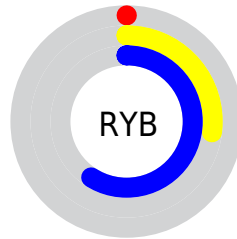
The Hex color **007B97** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **971C00**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **56B0CD**, and **004A64** is the 20% darker color. If you saturate the color by 10%, you get **007B97**, and if you desaturate by 10%, it is **0F7E97**.

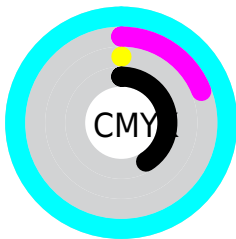
Distribution



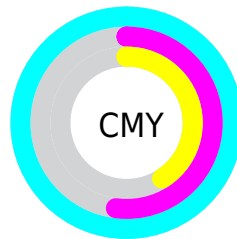
- Red (0%)
- Green (48%)
- Blue (59%)



- Red (0%)
- Yellow (27%)
- Blue (59%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (41%)



- Cyan (100%)
- Magenta (52%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007B97 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 007B97 by changing the saturation by 10% instead.

 007B97

 007B97

FFFFFF

 00627D

 56B0CD

 004A64

 73CBEA

 00334C

 91E7FF

 001F35

 AEFFFF

 000220

 CBFFFF

 000004

 E9FFFF

 000000

 007B97

 0F7E97

 1E8197

 2D8397

 3C8697

 4C8997

 5B8C97

 6A8F97

 799197

 889497

Harmonies

Analogous

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



007E82



007B97



3E75A1

Triad

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



007B97



9C5E79



6E7542

Complementary

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



007B97



971C00

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.



876D3F



007B97



A15E60

Square

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



007B97



896490



99644B



527A51

Rectangle

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



007B97



5C70A1



99644B



77723F

Sweetspot

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



007B97



89B9C4



00971C



405D63



E3E3E3



636363

Same Dimension

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



007B97



00A0C4



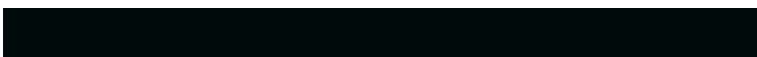
003097



454B4D



00728C



000A0D

Inverse Universe

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



97007B



C400A0



976700



4D454B



8C0072



0D000A

Previews

White Background



This preview shows how the Hex color 007B97 looks on a white background.

Color Contrast Check

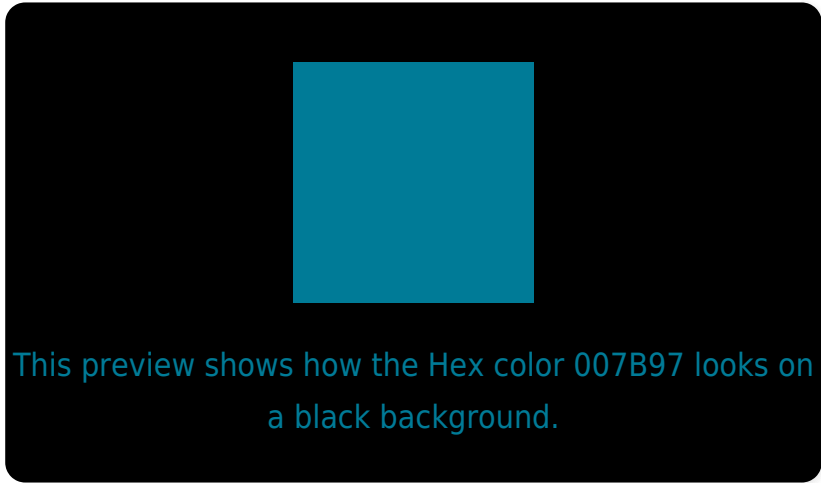
Large Text (above 18pt) WCAG AA ✓ Pass

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

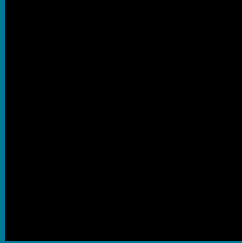
Any Text WCAG AA × Fail

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 007B97 Background



This preview shows how black text looks on a background with the Hex color 007B97.

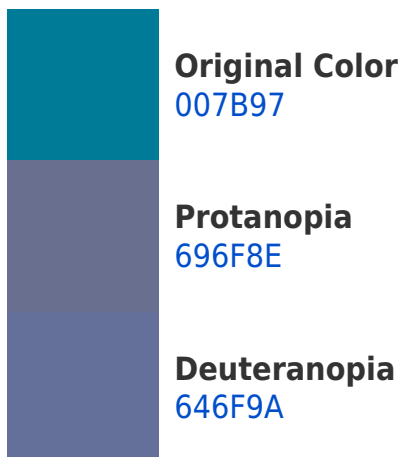


This preview shows how white text looks on a background with the Hex color 007B97.

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
007B97

Protanomaly
437391

Deuteranomaly
407399

Tritanomaly
007C8D

Monochromacy



Original Color
007B97

Achromatopsia
595959

Achromatomaly
396570

CSS Examples

Text

The CSS property to change the color of the text to Hex 007B97 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 #007B97 looks like.

```
.text, #text, p{  
    color:#007B97  
}
```

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 #007B97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007B97
}
```

Border

The CSS property to change the border of an element to Hex 007B97 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
#007B97 }
```

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

```
.border{ border-color:#007B97 }
```

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

Here you see how a box with a 4 pixel #007B97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007B97; -webkit-box-shadow:4px 4px  
4px 4px #007B97; box-shadow:4px 4px 4px  
4px #007B97 }
```

Background

The CSS property to change the background color of an element to Hex 007B97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007B97 }
```

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

```
.background{ background-color:#007B97 }
```

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