

Converting Colors

Hex(007A8B)

Have a look what the booklet for
Hex(007A8B) contains.

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Color

Hex(007A8B)

Conversions

Conversions Part 1

Format	Color
Hex	007A8B
RGB	0, 122, 139
RGB Percent	0%, 48%, 55%
CMY	1.0000, 0.5216, 0.4549
CMYK	1.00, 0.12, 0.00, 0.45
HSL	187°, 100%, 27%
HSV	187°, 100%, 55%
XYZ	11.6197, 15.7831, 26.8601
YIQ	87.4600, -78.1690, -20.5770

Conversions

Conversions Part 2

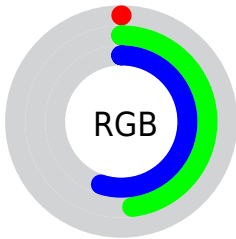
Format	Color
RYB	0, 65, 139
Decimal	31371
CIELab	46.69, -22.06, -17.35
CIELCh	47, 28.061, 218.190
Yxy	15.7831, 0.2141, 0.2909
Android (android.graphics.Color)	4278221451 (0xFF007A8B)
YUV	87.4600, 25.4092, -76.7024
Hunter-Lab	39.7280, -17.3160, -12.2764

Details

The Hex color **007A8B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8B1100**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **53AFC1**, and **004959** is the 20% darker color. If you saturate the color by 10%, you get **007A8B**, and if you desaturate by 10%, it is **0E7C8B**.

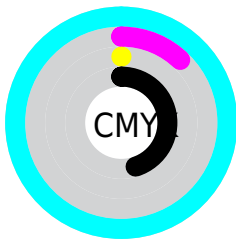
Distribution



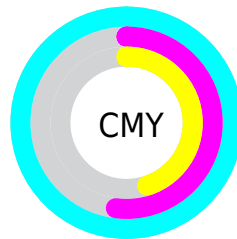
- Red (0%)
- Green (48%)
- Blue (55%)



- Red (0%)
- Yellow (25%)
- Blue (55%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007A8B 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 007A8B by changing the saturation by 10% instead.

007A8B

007A8B

FFFFFF

006172

53AFC1

004959

71CADC

003242

8DE6F9

001E2B

AAFFFF

000117

C8FFFF

000000

E5FFFF

007A8B

0E7C8B

 1C7D8B

 2A7F8B

 38818B

 46838B

 53848B

 61868B

 6F888B

 7D898B

Harmonies

Analogous

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



1E7B75



007A8B



2C769A

Triad

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



007A8B



915F81



786F3F

Complementary

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



007A8B



8B1100

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.



8D6743



007A8B



9C5C69

Square

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



007A8B



7A6694



9A6053



5E7649

Rectangle

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



007A8B



4A719D



9A6053



7F6D3F

Sweetspot

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



007A8B



7FAEB5



008B10



3B585C



DBDBDB



5C5C5C

Same Dimension

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



007A8B



009FB5



00358B



3E4445



007485



000405

Inverse Universe

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



8B007A



B5009F



8B5600



453E44



850074



050004

Previews

White Background



This preview shows how the Hex color 007A8B 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



This preview shows how the Hex color 007A8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

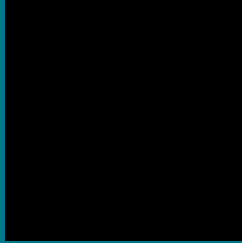
Any Text WCAG AA × Fail

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 007A8B Background



This preview shows how black text looks on a background with the Hex color 007A8B.

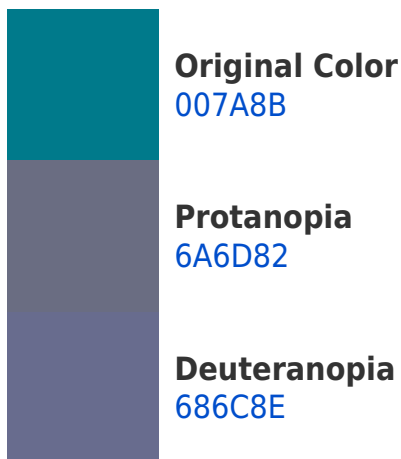


This preview shows how white text looks on a background with the Hex color 007A8B.

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



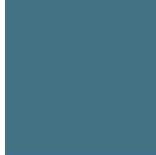


Tritanopia
007B85

Trichromacy



Original Color
007A8B



Protanomaly
437285



Deuteranomaly
42718D



Tritanomaly
007B87

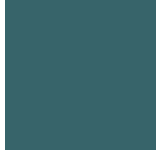
Monochromacy



Original Color
007A8B



Achromatopsia
575757



Achromatomaly
37646A

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A8B 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 #007A8B looks like.

```
.text, #text, p{  
    color:#007A8B  
}
```

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 #007A8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A8B
}
```

Border

The CSS property to change the border of an element to Hex 007A8B 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
#007A8B }
```

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

```
.border{ border-color:#007A8B }
```

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

Here you see how a box with a 4 pixel #007A8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A8B; -webkit-box-shadow:4px 4px  
4px 4px #007A8B; box-shadow:4px 4px 4px  
4px #007A8B }
```

Background

The CSS property to change the background color of an element to Hex 007A8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A8B }
```

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

```
.background{ background-color:#007A8B }
```

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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