

Converting Colors

Hex(007A8D)

Have a look what the booklet for
Hex(007A8D) contains.

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Color

Hex(007A8D)

Conversions

Conversions Part 1

Format	Color
Hex	007A8D
RGB	0, 122, 141
RGB Percent	0%, 48%, 55%
CMY	1.0000, 0.5216, 0.4471
CMYK	1.00, 0.13, 0.00, 0.45
HSL	188°, 100%, 28%
HSV	188°, 100%, 55%
XYZ	11.7673, 15.8422, 27.6369
YIQ	87.6880, -78.8110, -19.9550

Conversions

Conversions Part 2

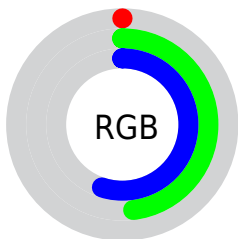
Format	Color
RYB	0, 65, 141
Decimal	31373
CIELab	46.77, -21.35, -18.41
CIELCh	47, 28.190, 220.781
Yxy	15.8422, 0.2130, 0.2868
Android (android.graphics.Color)	4278221453 (0xFF007A8D)
YUV	87.6880, 26.2828, -76.9024
Hunter-Lab	39.8022, -16.8815, -13.3069

Details

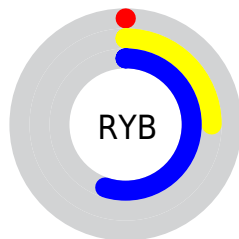
The Hex color **007A8D** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8D1300**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **54AFC3**, and **00495B** is the 20% darker color. If you saturate the color by 10%, you get **007A8D**, and if you desaturate by 10%, it is **0E7C8D**.

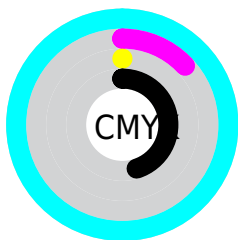
Distribution



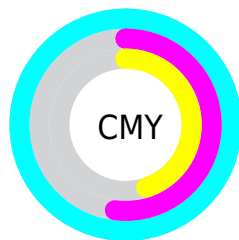
- Red (0%)
- Green (48%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (45%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 007A8D 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 007A8D by changing the saturation by 10% instead.

 007A8D

 007A8D

FFFFFF

 006173

 54AFC3

 00495B

 71CADF

 003243

 8EE6FB

 001E2D

 ABFFFF

 000119

 C8FFFF

 000000

 E6FFFF

 007A8D

 0E7C8D

 1C7E8D

 2A808D

 38828D

 47848D

 55858D

 63878D

 71898D

 7F8B8D

Harmonies

Analogous

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



1A7C77



007A8D



30769B

Triad

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



007A8D



935E7F



767040

Complementary

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



007A8D



8D1300

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.



8B6842



007A8D



9D5C67

Square

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



007A8D



7D6693



996051



5C764A

Rectangle

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



007A8D



4D719E



996051



7E6E3F

Sweetspot

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



007A8D



81B0B8



008D13



3B575C



DBDBDB



5C5C5C

Same Dimension

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



007A8D



009FB8



00348D



404647



007587



000708

Inverse Universe

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



8D007A



B8009F



8D5900



474046



870075



080007

Previews

White Background



This preview shows how the Hex color 007A8D 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 007A8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

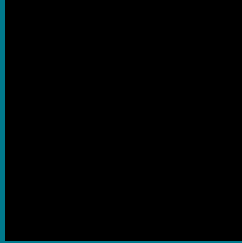
Any Text WCAG AA × Fail

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 007A8D Background



This preview shows how black text looks on a background with the Hex color 007A8D.

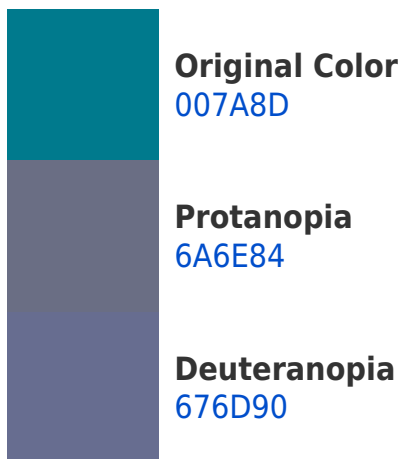


This preview shows how white text looks on a background with the Hex color 007A8D.

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



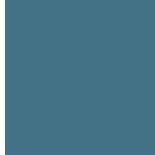


Tritanopia
007B85

Trichromacy



Original Color
007A8D



Protanomaly
437287



Deuteranomaly
42728F



Tritanomaly
007B88

Monochromacy



Original Color
007A8D



Achromatopsia
585858



Achromatomaly
38646B

CSS Examples

Text

The CSS property to change the color of the text to Hex 007A8D 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 #007A8D looks like.

```
.text, #text, p{  
    color:#007A8D  
}
```

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 #007A8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007A8D
}
```

Border

The CSS property to change the border of an element to Hex 007A8D 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
#007A8D }
```

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

```
.border{ border-color:#007A8D }
```

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

Here you see how a box with a 4 pixel #007A8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007A8D; -webkit-box-shadow:4px 4px  
4px 4px #007A8D; box-shadow:4px 4px 4px  
4px #007A8D }
```

Background

The CSS property to change the background color of an element to Hex 007A8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007A8D }
```

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

```
.background{ background-color:#007A8D }
```

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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