

Converting Colors

Hex(007E8B)

Have a look what the booklet for
Hex(007E8B) contains.

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Color

Hex(007E8B)

Conversions

Conversions Part 1

Format	Color
Hex	007E8B
RGB	0, 126, 139
RGB Percent	0%, 49%, 55%
CMY	1.0000, 0.5059, 0.4549
CMYK	1.00, 0.09, 0.00, 0.45
HSL	186°, 100%, 27%
HSV	186°, 100%, 55%
XYZ	12.1211, 16.7858, 27.0272
YIQ	89.8080, -79.2690, -22.6690

Conversions

Conversions Part 2

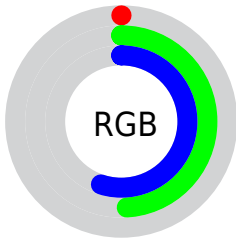
Format	Color
RYB	0, 66, 139
Decimal	32395
CIELab	47.99, -24.14, -15.37
CIELCh	48, 28.617, 212.479
Yxy	16.7858, 0.2167, 0.3001
Android (android.graphics.Color)	4278222475 (0xFF007E8B)
YUV	89.8080, 24.2517, -78.7616
Hunter-Lab	40.9705, -18.8893, -10.4329

Details

The Hex color **007E8B** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **8B0D00**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **54B3C0**, and **004C59** is the 20% darker color. If you saturate the color by 10%, you get **007E8B**, and if you desaturate by 10%, it is **0E7F8B**.

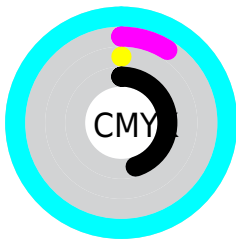
Distribution



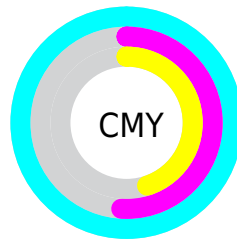
- Red (0%)
- Green (49%)
- Blue (55%)



- Red (0%)
- Yellow (26%)
- Blue (55%)



- Cyan (100%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 007E8B 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 007E8B by changing the saturation by 10% instead.

 007E8B

 007E8B

FFFFFF

 006572

 54B3C0

 004C59

 71CFDC

 003542

 8EEBF9

 00212B

 ABFFFF

 000117

 C8FFFF

 000000

 E6FFFF

 007E8B

 0E7F8B

 1C818B

 2A828B

 38838B

 46848B

 53868B

 61878B

 6F888B

 7D8A8B

Harmonies

Analogous

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



277F73



007E8B



257A9C

Triad

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



007E8B



926389



807141

Complementary

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



007E8B



8B0D00

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.



946948



007E8B



9F5F71

Square

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



007E8B



776B9B



9F6259



667848

Rectangle

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



007E8B



4476A1



9F6259



876E42

Sweetspot

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



007E8B



7FB0B5



008B0C



3B595C



DBDBDB



5C5C5C

Same Dimension

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



007E8B



00A4B5



003A8B



3E4445



007885



000505

Inverse Universe

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



8B007E



B500A4



8B5100



453E44



850078



050005

Previews

White Background



This preview shows how the Hex color 007E8B looks on a white background.

Color Contrast Check

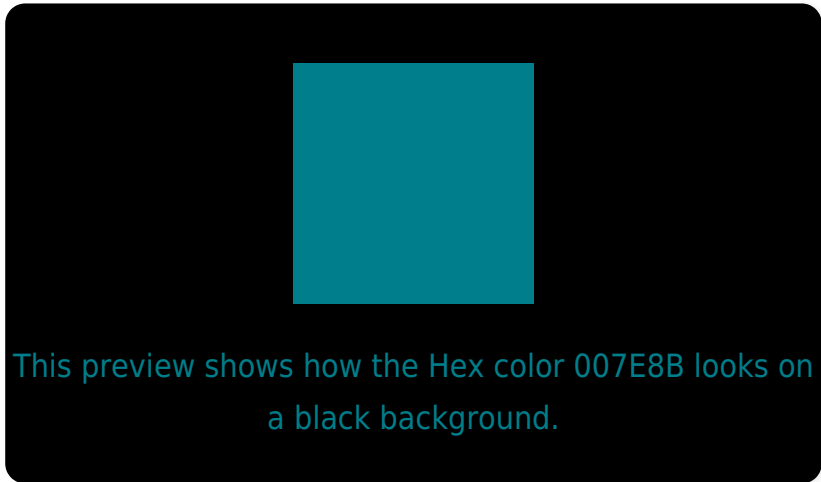
Large Text (above 18pt) WCAG AA ✓ Pass

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

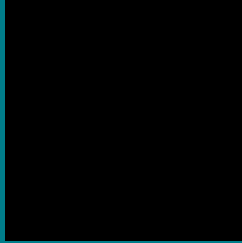
Any Text WCAG AA × Fail

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 007E8B Background



This preview shows how black text looks on a background with the Hex color 007E8B.

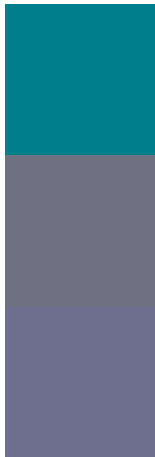


This preview shows how white text looks on a background with the Hex color 007E8B.

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



Original Color
007E8B

Protanopia
6F7182

Deuteranopia
6E6F8E



Tritanopia
007E88

Trichromacy



Original Color
007E8B



Protanomaly
477685



Deuteranomaly
46748D



Tritanomaly
007E89

Monochromacy



Original Color
007E8B



Achromatopsia
5A5A5A



Achromatomaly
39676C

CSS Examples

Text

The CSS property to change the color of the text to Hex 007E8B 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 #007E8B looks like.

```
.text, #text, p{  
    color:#007E8B  
}
```

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 #007E8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007E8B
}
```

Border

The CSS property to change the border of an element to Hex 007E8B 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
#007E8B }
```

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

```
.border{ border-color:#007E8B }
```

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

Here you see how a box with a 4 pixel #007E8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007E8B; -webkit-box-shadow:4px 4px  
4px 4px #007E8B; box-shadow:4px 4px 4px  
4px #007E8B }
```

Background

The CSS property to change the background color of an element to Hex 007E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007E8B }
```

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

```
.background{ background-color:#007E8B }
```

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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