

Converting Colors

Hex(0080AE)

Have a look what the booklet for
Hex(0080AE) contains.

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Color

Hex(0080AE)

Conversions

Conversions Part 1

Format	Color
Hex	0080AE
RGB	0, 128, 174
RGB Percent	0%, 50%, 68%
CMY	1.0000, 0.4980, 0.3176
CMYK	1.00, 0.26, 0.00, 0.32
HSL	196°, 100%, 34%
HSV	196°, 100%, 68%
XYZ	15.3592, 18.4943, 42.8046
YIQ	94.9720, -91.0540, -12.8300

Conversions

Conversions Part 2

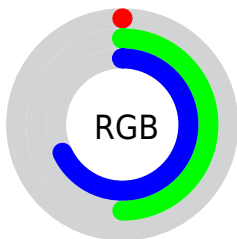
Format	Color
RYB	0, 74, 174
Decimal	32942
CIELab	50.09, -12.53, -32.56
CIELCh	50, 34.891, 248.952
Yxy	18.4943, 0.2004, 0.2413
Android (android.graphics.Color)	4278223022 (0xFF0080AE)
YUV	94.9720, 38.9608, -83.2904
Hunter-Lab	43.0050, -11.5080, -28.9102

Details

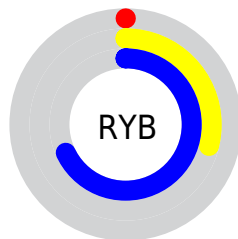
The Hex color **0080AE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE2E00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB5E6**, and **004F79** is the 20% darker color. If you saturate the color by 10%, you get **0080AE**, and if you desaturate by 10%, it is **1185AE**.

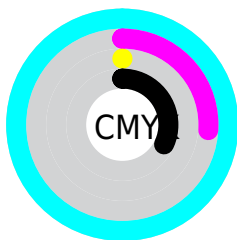
Distribution



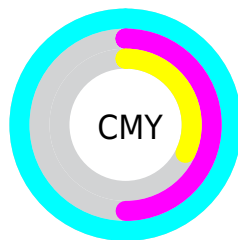
- Red (0%)
- Green (50%)
- Blue (68%)



- Red (0%)
- Yellow (29%)
- Blue (68%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (32%)



- Cyan (100%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0080AE 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 0080AE by changing the saturation by 10% instead.

 0080AE

 0080AE

FFFFFF

 006793

 5BB5E6

 004F79

 7AD0FF

 003860

 98EDFF

 002348

 B6FFFF

 000532

 D3FFFF

 00011C

 F2FFFF

 000000

 0080AE

 1185AE

■ 2389AE

■ 348EAE

■ 4692AE

■ 5797AE

■ 689CAE

■ 7AA0AE

■ 8BA5AE

■ 9DA9AE

Harmonies

Analogous

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



00859C



0080AE



5877B2

Triad

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



0080AE



AF5F6F



618048

Complementary

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



0080AE



AE2E00

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.



81783B



0080AE



AC6453

Square

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



0080AE



A3628D



9B6E40



398561

Rectangle

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



0080AE



7870AB



9B6E40



6C7E42

Sweetspot

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



0080AE



9FD1E3



00AE2C



496873



F2F2F2



737373

Same Dimension

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



0080AE



00A7E3



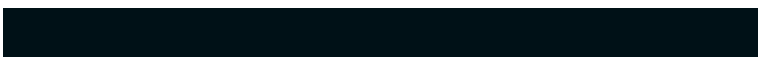
002CAE



4E5457



006F96



001117

Inverse Universe

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



AE0080



E300A7



AE8300



574E54



96006F



170011

Previews

White Background



This preview shows how the Hex color 0080AE looks on a white background.

Color Contrast Check

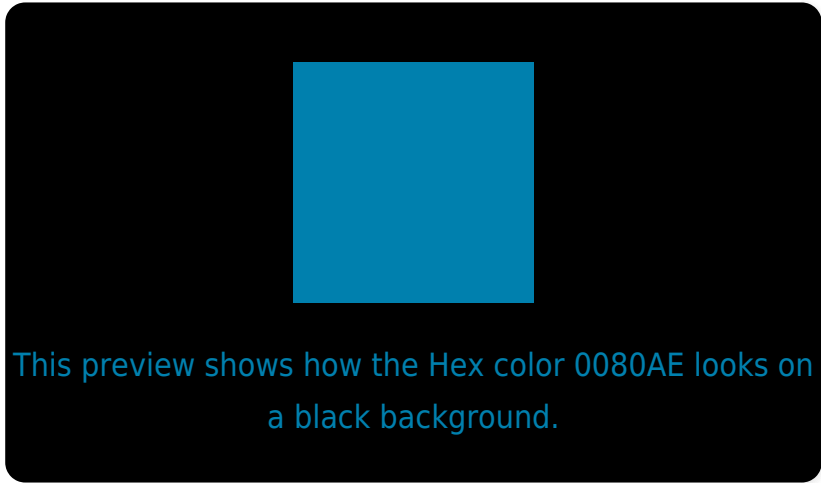
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

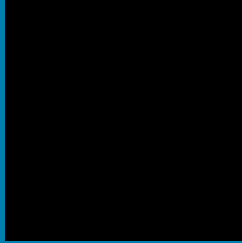
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 0080AE Background



This preview shows how black text looks on a background with the Hex color 0080AE.

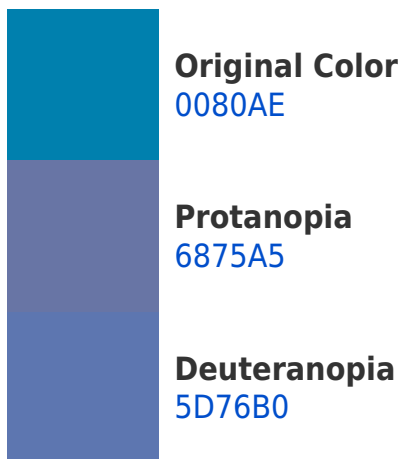


This preview shows how white text looks on a background with the Hex color 0080AE.

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
00848E

Trichromacy



Original Color
0080AE



Protanomaly
4279A8



Deuteranomaly
3B7AAF



Tritanomaly
00839A

Monochromacy



Original Color
0080AE



Achromatopsia
5F5F5F



Achromatomaly
3C6B7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0080AE 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 #0080AE looks like.

```
.text, #text, p{  
    color:#0080AE  
}
```

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 #0080AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0080AE
}
```

Border

The CSS property to change the border of an element to Hex 0080AE 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
#0080AE }
```

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

```
.border{ border-color:#0080AE }
```

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

Here you see how a box with a 4 pixel #0080AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0080AE; -webkit-box-shadow:4px 4px  
4px 4px #0080AE; box-shadow:4px 4px 4px  
4px #0080AE }
```

Background

The CSS property to change the background color of an element to Hex 0080AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0080AE }
```

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

```
.background{ background-color:#0080AE }
```

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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