

Converting Colors

Hex(0080AF)

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

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Color

Hex(0080AF)

Conversions

Conversions Part 1

Format	Color
Hex	0080AF
RGB	0, 128, 175
RGB Percent	0%, 50%, 69%
CMY	1.0000, 0.4980, 0.3137
CMYK	1.00, 0.27, 0.00, 0.31
HSL	196°, 100%, 34%
HSV	196°, 100%, 69%
XYZ	15.4570, 18.5335, 43.3201
YIQ	95.0860, -91.3750, -12.5190

Conversions

Conversions Part 2

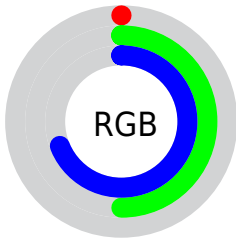
Format	Color
RYB	0, 74, 175
Decimal	32943
CIELab	50.14, -12.15, -33.07
CIELCh	50, 35.232, 249.819
Yxy	18.5335, 0.1999, 0.2397
Android (android.graphics.Color)	4278223023 (0xFF0080AF)
YUV	95.0860, 39.3976, -83.3904
Hunter-Lab	43.0505, -11.2491, -29.5259

Details

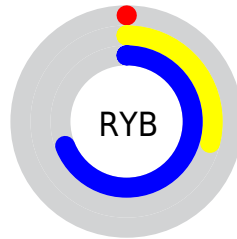
The Hex color **0080AF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AF2F00**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5BB5E7**, and **004F7A** is the 20% darker color. If you saturate the color by 10%, you get **0080AF**, and if you desaturate by 10%, it is **1185AF**.

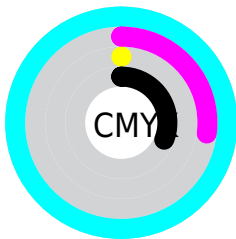
Distribution



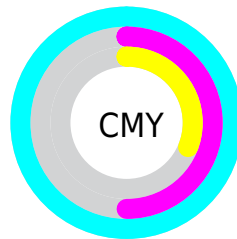
- Red (0%)
- Green (50%)
- Blue (69%)



- Red (0%)
- Yellow (29%)
- Blue (69%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients

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

0080AF

0080AF

FFFFFF

006794

5BB5E7

004F7A

7AD0FF

003861

98EDFF

002349

B6FFFF

000532

D4FFFF

00021D

F2FFFF

000000

0080AF

1185AF

■ 2389AF

■ 358EAF

■ 4693AF

■ 5898AF

■ 699CAF

■ 7AA1AF

■ 8CA6AF

■ 9EAAAF

Harmonies

Analogous

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



00859D



0080AF



5977B2

Triad

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



0080AF



B05F6E



608148

Complementary

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



0080AF



AF2F00

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.



80793B



0080AF



AC6452

Square

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



0080AF



A4628D



9B6E3F



378562

Rectangle

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



0080AF



7970AB



9B6E3F



6B7E42

Sweetspot

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



0080AF



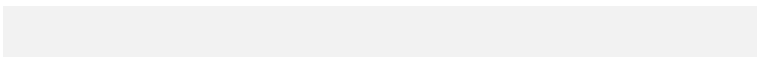
9FD1E3



00AF2F



496873



F2F2F2



737373

Same Dimension

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



0080AF



00A6E3



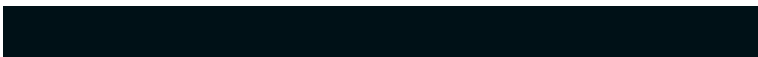
0029AF



4E5457



006E96



001117

Inverse Universe

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



AF0080



E300A6



AF8600



574E54



96006E



170011

Previews

White Background



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

Color Contrast Check

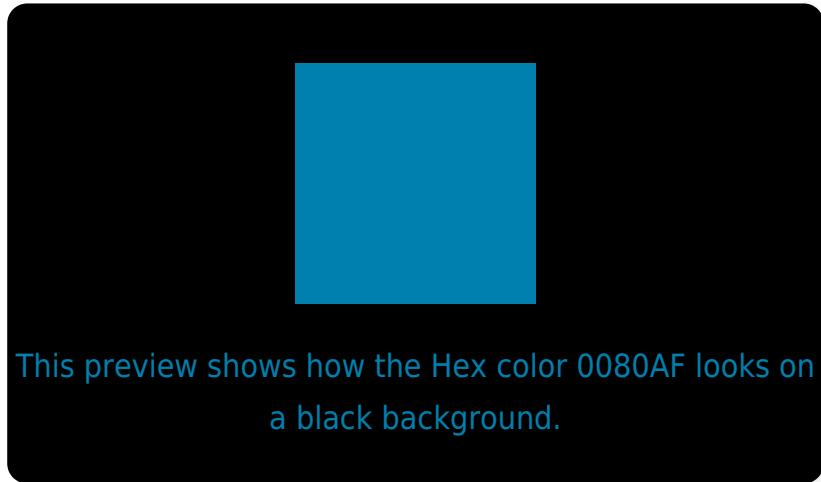
Large Text (above 18pt) WCAG AA ✓ Pass

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

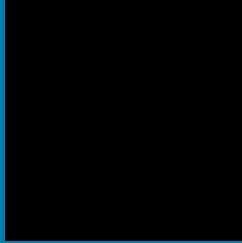
Any Text WCAG AA ✓ Pass

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 0080AF Background



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

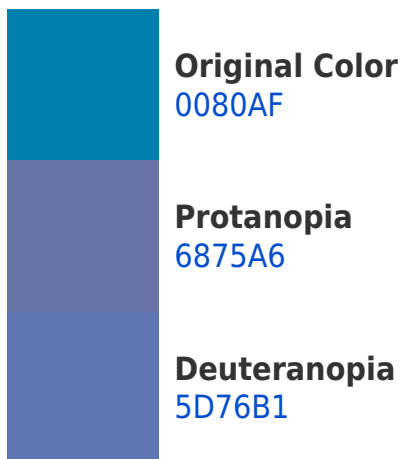


This preview shows how white text looks on a background with the Hex color 0080AF.

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
0080AF



Protanomaly
4279A9



Deuteranomaly
3B7AB0



Tritanomaly
00839A

Monochromacy



Original Color
0080AF



Achromatopsia
5F5F5F



Achromatomaly
3C6B7C

CSS Examples

Text

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

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

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 #0080AF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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