

Converting Colors

Hex(0078A2)

Have a look what the booklet for
Hex(0078A2) contains.

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Color

Hex(0078A2)

Conversions

Conversions Part 1

Format	Color
Hex	0078A2
RGB	0, 120, 162
RGB Percent	0%, 47%, 64%
CMY	1.0000, 0.5294, 0.3647
CMYK	1.00, 0.26, 0.00, 0.36
HSL	196°, 100%, 32%
HSV	196°, 100%, 64%
XYZ	13.2381, 16.0416, 36.5810
YIQ	88.9080, -85.0020, -12.3780

Conversions

Conversions Part 2

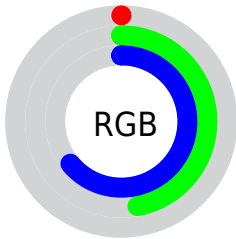
Format	Color
RYB	0, 69, 162
Decimal	30882
CIELab	47.03, -12.50, -30.37
CIELCh	47, 32.837, 247.628
Yxy	16.0416, 0.2010, 0.2436
Android (android.graphics.Color)	4278220962 (0xFF0078A2)
YUV	88.9080, 36.0344, -77.9723
Hunter-Lab	40.0519, -11.0927, -26.1156

Details

The Hex color **0078A2** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A22A00**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **58ACD9**, and **00486E** is the 20% darker color. If you saturate the color by 10%, you get **0078A2**, and if you desaturate by 10%, it is **107CA2**.

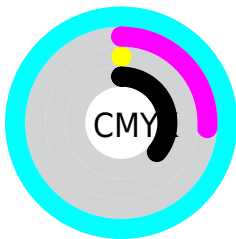
Distribution



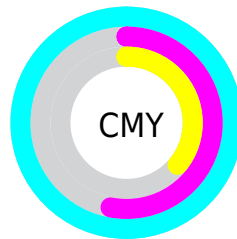
- Red (0%)
- Green (47%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (100%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0078A2 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 0078A2 by changing the saturation by 10% instead.

 0078A2

 0078A2

FFFFFF

 005F88

 58ACD9

 00486E

 76C8F6

 003156

 93E4FF

 001D3E

 B1FFFF

 000328

 CEFFFF

 000112

 ECFFFF

 000000

 0078A2

 107CA2

 2080A2

 3185A2

 4189A2

 518DA2

 6191A2

 7195A2

 829AA2

 929EA2

Harmonies

Analogous

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



007D90



0078A2



5070A6

Triad

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



0078A2



A45969



5C7842

Complementary

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



0078A2



A22A00

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.



7A7037



0078A2



A15D4F

Square

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



0078A2



975C85



92673D



387C5A

Rectangle

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



0078A2



6F69A0



92673D



67753D

Sweetspot

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



0078A2



94C3D4



00A229



45616B



EBEBEB



6B6B6B

Same Dimension

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



0078A2



009DD4



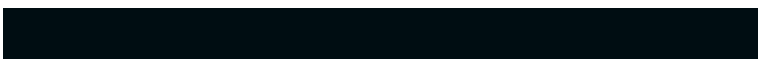
0029A2



494F52



006C91



000D12

Inverse Universe

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



A20078



D4009D



A27A00



52494F



91006C



12000D

Previews

White Background



This preview shows how the Hex color 0078A2 looks on a white background.

Color Contrast Check

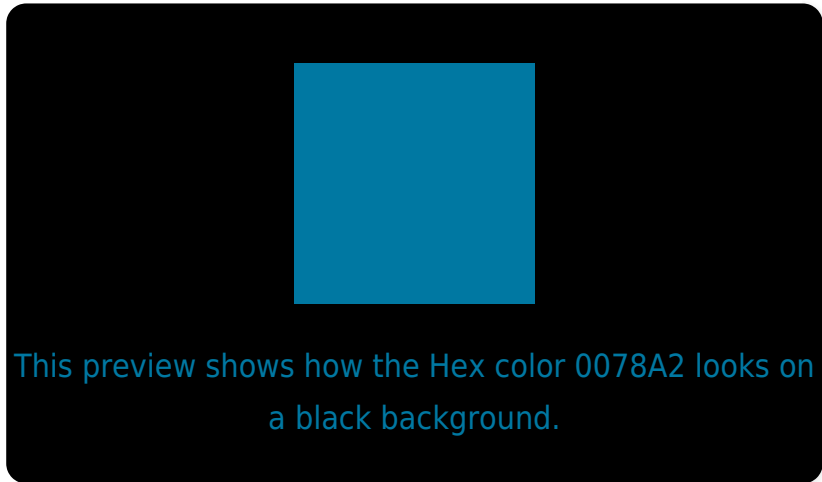
Large Text (above 18pt) WCAG AA ✓ Pass

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

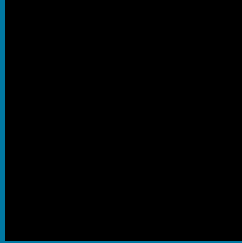
Any Text WCAG AA × Fail

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 0078A2 Background



This preview shows how black text looks on a background with the Hex color 0078A2.

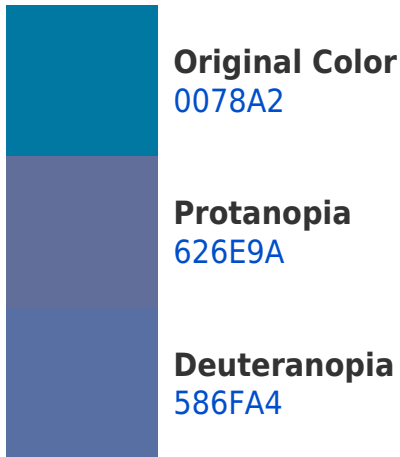


This preview shows how white text looks on a background with the Hex color 0078A2.

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](#).

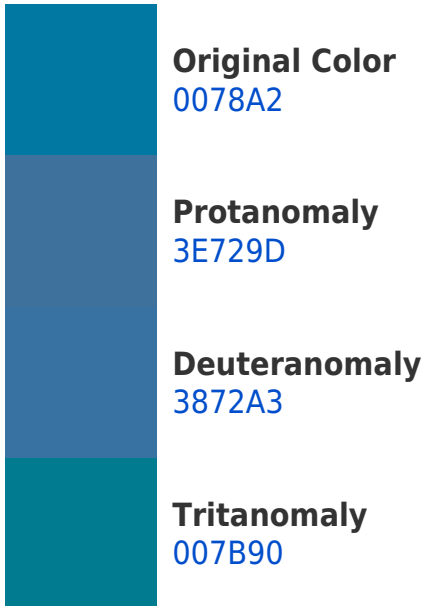
Dichromacy





Tritanopia
007C85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0078A2 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 #0078A2 looks like.

```
.text, #text, p{  
    color:#0078A2  
}
```

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 #0078A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0078A2
}
```

Border

The CSS property to change the border of an element to Hex 0078A2 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
#0078A2 }
```

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

```
.border{ border-color:#0078A2 }
```

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

Here you see how a box with a 4 pixel #0078A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0078A2; -webkit-box-shadow:4px 4px  
4px 4px #0078A2; box-shadow:4px 4px 4px  
4px #0078A2 }
```

Background

The CSS property to change the background color of an element to Hex 0078A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0078A2 }
```

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

```
.background{ background-color:#0078A2 }
```

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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