

Converting Colors

Hex(0178A7)

Have a look what the booklet for
Hex(0178A7) contains.

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Color

Hex(0178A7)

Conversions

Conversions Part 1

Format	Color
Hex	0178A7
RGB	1, 120, 167
RGB Percent	0%, 47%, 65%
CMY	0.9961, 0.5294, 0.3451
CMYK	0.99, 0.28, 0.00, 0.35
HSL	197°, 99%, 33%
HSV	197°, 99%, 65%
XYZ	13.7040, 16.2294, 38.9695
YIQ	89.7770, -86.0110, -10.6110

Conversions

Conversions Part 2

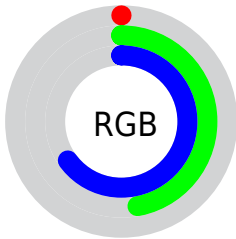
Format	Color
RYB	1, 70, 167
Decimal	96423
CIELab	47.27, -10.55, -32.91
CIELCh	47, 34.555, 252.226
Yxy	16.2294, 0.1989, 0.2355
Android (android.graphics.Color)	4278286503 (0xFF0178A7)
YUV	89.7770, 38.0709, -77.8574
Hunter-Lab	40.2857, -9.7796, -29.1528

Details

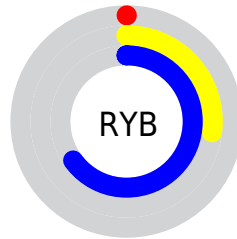
The Hex color **0178A7** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A73001**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **59ACDE**, and **004873** is the 20% darker color. If you saturate the color by 10%, you get **0078A7**, and if you desaturate by 10%, it is **127DA7**.

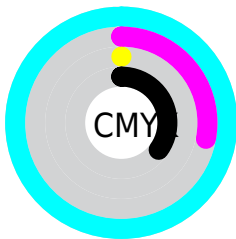
Distribution



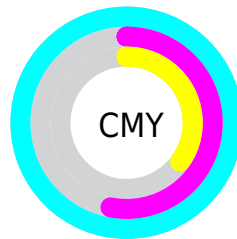
- Red (0%)
- Green (47%)
- Blue (65%)



- Red (0%)
- Yellow (27%)
- Blue (65%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0178A7 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 0178A7 by changing the saturation by 10% instead.

0178A7

0178A7

FFFFFF

005F8C

59ACDE

004873

77C7FB

00315A

95E3FF

001D42

B3FFFF

00032C

D0FFFF

000116

EEFFFF

000000

0178A7

0178A7

0078A7

127DA7

■ 2281A7

■ 3386A7

■ 448BA7

■ 5490A7

■ 6594A7

■ 7699A7

■ 879EA7

■ 97A3A7

Harmonies

Analogous

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



007D96



0178A7



566FA9

Triad

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



0178A7



A75865



567A44

Complementary

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



0178A7



A73001

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.



767236



0178A7



A25E4A

Square

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



0178A7



9D5B83



906838



2C7E5D

Rectangle

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



0178A7



7568A1



906838



62773D

Sweetspot

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



0178A7



98C6D9



01A72D



46626E



EDEDED



6E6E6E

Same Dimension

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



0178A7



009BD9



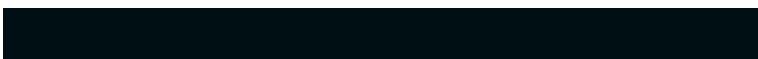
0128A7



4C5254



006A94



000F14

Inverse Universe

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



A70178



D9009B



A78001



544C52



94006A



14000F

Previews

White Background



This preview shows how the Hex color 0178A7 looks on a white background.

Color Contrast Check

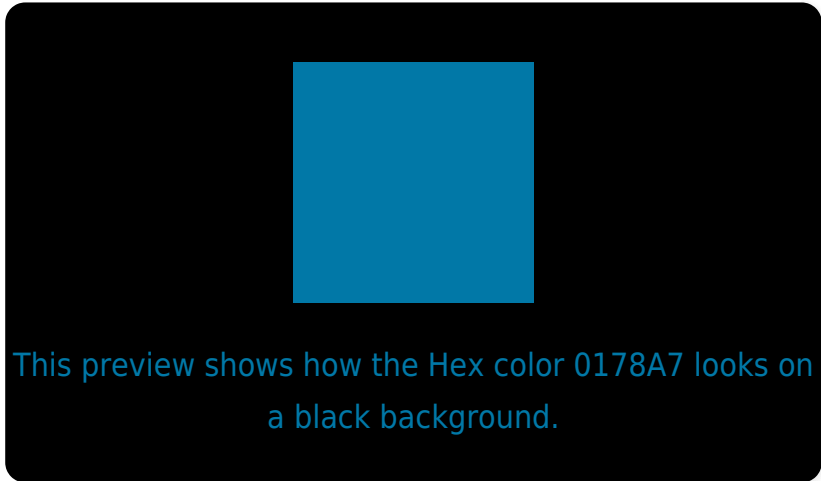
Large Text (above 18pt) WCAG AA ✓ Pass

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

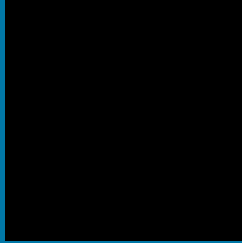
Any Text WCAG AA × Fail

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 0178A7 Background



This preview shows how black text looks on a background with the Hex color 0178A7.

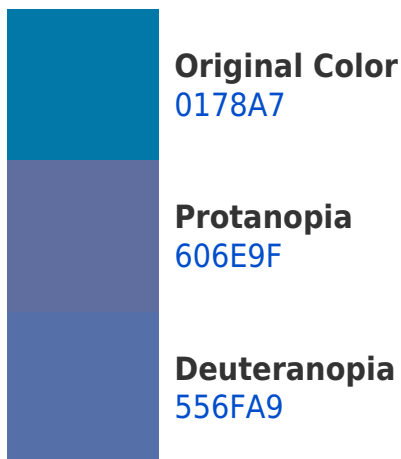


This preview shows how white text looks on a background with the Hex color 0178A7.

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
007C86

Trichromacy



Original Color
0178A7

Protanomaly
3D72A2

Deuteranomaly
3672A8

Tritanomaly
007B92

Monochromacy



Original Color
0178A7

Achromatopsia
5A5A5A

Achromatomaly
3A6576

CSS Examples

Text

The CSS property to change the color of the text to Hex 0178A7 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 #0178A7 looks like.

```
.text, #text, p{  
    color:#0178A7  
}
```

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 #0178A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0178A7  
}
```

Border

The CSS property to change the border of an element to Hex 0178A7 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  
#0178A7 }
```

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

```
.border{ border-color:#0178A7 }
```

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

Here you see how a box with a 4 pixel #0178A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0178A7; -webkit-box-shadow:4px 4px  
4px 4px #0178A7; box-shadow:4px 4px 4px  
4px #0178A7 }
```

Background

The CSS property to change the background color of an element to Hex 0178A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0178A7 }
```

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

```
.background{ background-color:#0178A7 }
```

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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