

Converting Colors

Hex(0C78AC)

Have a look what the booklet for
Hex(0C78AC) contains.

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Color

Hex(0C78AC)

Conversions

Conversions Part 1

Format	Color
Hex	0C78AC
RGB	12, 120, 172
RGB Percent	5%, 47%, 67%
CMY	0.9529, 0.5294, 0.3255
CMYK	0.93, 0.30, 0.00, 0.33
HSL	200°, 87%, 36%
HSV	200°, 93%, 67%
XYZ	14.3145, 16.4897, 41.4581
YIQ	93.6360, -81.0600, -6.7240

Conversions

Conversions Part 2

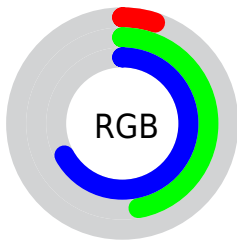
Format	Color
R_{YB}	12, 76, 172
Decimal	817324
CIE _{Lab}	47.61, -8.16, -35.29
CIE _{LCh}	48, 36.218, 256.976
Yxy	16.4897, 0.1981, 0.2282
Android (android.graphics.Color)	4279007404 (0xFF0C78AC)
YUV	93.6360, 38.6335, -71.5948
Hunter-Lab	40.6075, -8.1403, -32.1068

Details

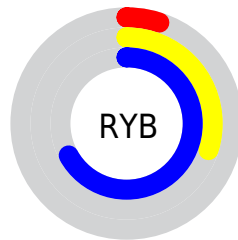
The Hex color **0C78AC** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AC400C**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5DACE4**, and **004877** is the 20% darker color. If you saturate the color by 10%, you get **0074AC**, and if you desaturate by 10%, it is **1D7EAC**.

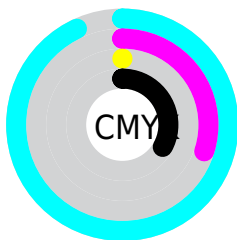
Distribution



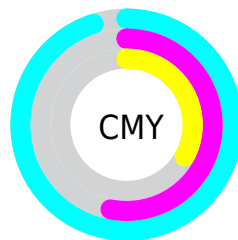
- Red (5%)
- Green (47%)
- Blue (67%)



- Red (5%)
- Yellow (30%)
- Blue (67%)



- Cyan (93%)
- Magenta (30%)
- Yellow (0%)
- Black (33%)



- Cyan (95%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C78AC 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 0C78AC by changing the saturation by 10% instead.

0C78AC

0C78AC

FFFFFF

005F91

5DACE4

004877

7BC7FF

00325E

99E3FF

001D46

B6FFFF

000430

D4FFFF

00011A

F2FFFF

000000

0C78AC

0C78AC

0074AC

1D7EAC

■ 2E83AC

■ 4089AC

■ 518EAC

■ 6294AC

■ 739AAC

■ 849FAC

■ 96A5AC

■ A7AAAC

Harmonies

Analogous

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



007E9D



0C78AC



5E6EAB

Triad

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



0C78AC



AB5861



507C46

Complementary

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



0C78AC



AC400C

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.



727534



0C78AC



A36046

Square

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



0C78AC



A35980



8F6B35



1C8062

Rectangle

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



0C78AC



7D66A2



8F6B35



5C7A3E

Sweetspot

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



0C78AC



A2CCE0



0CAC3F



4A6470



F0F0F0



707070

Same Dimension

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



0C78AC



0097E0



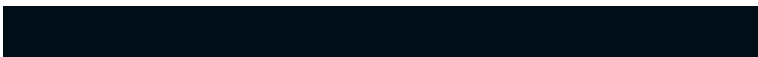
0C29AC



4E5457



006696



000F17

Inverse Universe

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



AC0C78



E00097



AC8F0C



574E54



960066



17000F

Previews

White Background



This preview shows how the Hex color 0C78AC looks on a white background.

Color Contrast Check

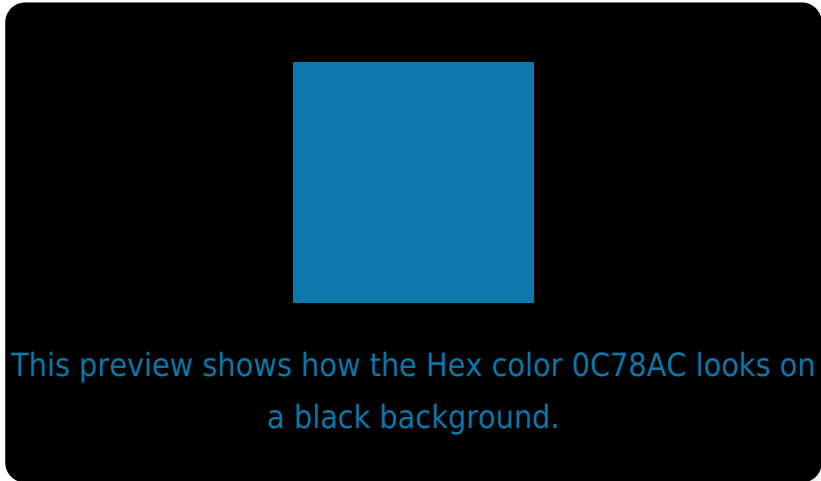
Large Text (above 18pt) WCAG AA ✓ Pass

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

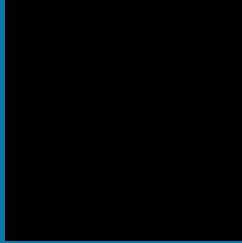
Any Text WCAG AA × Fail

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 0C78AC Background



This preview shows how black text looks on a background with the Hex color 0C78AC.

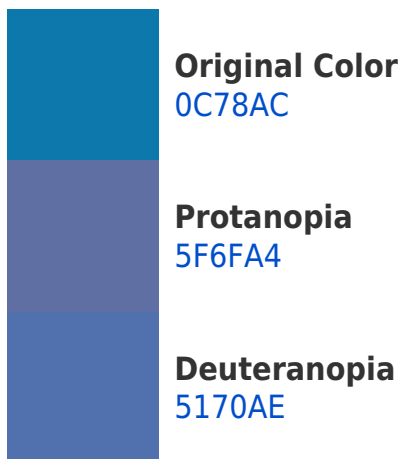


This preview shows how white text looks on a background with the Hex color 0C78AC.

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
007D86

Trichromacy



Original Color
0C78AC

Protanomaly
4172A7

Deuteranomaly
3873AD

Tritanomaly
047B94

Monochromacy



Original Color
0C78AC

Achromatopsia
5E5E5E

Achromatomaly
40677A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C78AC 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 #0C78AC looks like.

```
.text, #text, p{  
    color:#0C78AC  
}
```

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 #0C78AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C78AC
}
```

Border

The CSS property to change the border of an element to Hex 0C78AC 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
#0C78AC }
```

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

```
.border{ border-color:#0C78AC }
```

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

Here you see how a box with a 4 pixel #0C78AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C78AC; -webkit-box-shadow:4px 4px  
4px 4px #0C78AC; box-shadow:4px 4px 4px  
4px #0C78AC }
```

Background

The CSS property to change the background color of an element to Hex 0C78AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C78AC }
```

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

```
.background{ background-color:#0C78AC }
```

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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