

Converting Colors

Hex(0776AB)

Have a look what the booklet for
Hex(0776AB) contains.

Hex(0776AB)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0776AB)

Conversions

Conversions Part 1

Format	Color
Hex	0776AB
RGB	7, 118, 171
RGB Percent	3%, 46%, 67%
CMY	0.9725, 0.5373, 0.3294
CMYK	0.96, 0.31, 0.00, 0.33
HSL	199°, 92%, 35%
HSV	199°, 96%, 67%
XYZ	13.9167, 15.9423, 40.8718
YIQ	90.8530, -83.1690, -7.0490

Conversions

Conversions Part 2

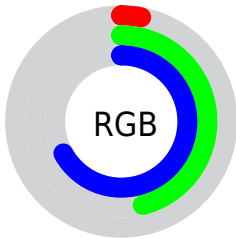
Format	Color
RYB	7, 73, 171
Decimal	489131
CIELab	46.90, -7.58, -35.83
CIELCh	47, 36.620, 258.052
Yxy	15.9423, 0.1968, 0.2254
Android (android.graphics.Color)	4278679211 (0xFF0776AB)
YUV	90.8530, 39.5125, -73.5391
Hunter-Lab	39.9278, -7.6580, -32.7422

Details

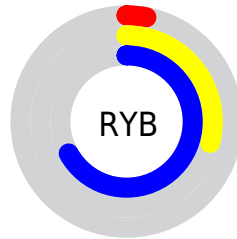
The Hex color **0776AB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB3C07**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **5BAAE3**, and **004676** is the 20% darker color. If you saturate the color by 10%, you get **0074AB**, and if you desaturate by 10%, it is **187CAB**.

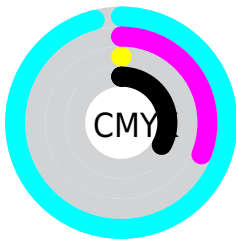
Distribution



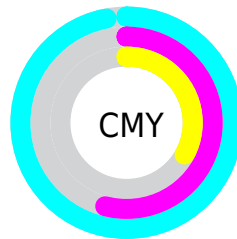
- Red (3%)
- Green (46%)
- Blue (67%)



- Red (3%)
- Yellow (29%)
- Blue (67%)



- Cyan (96%)
- Magenta (31%)
- Yellow (0%)
- Black (33%)



- Cyan (97%)
- Magenta (54%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0776AB 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 0776AB by changing the saturation by 10% instead.

0776AB

0776AB

FFFFFF

005D90

5BAAE3

004676

7AC5FF

00305D

97E1FF

001C45

B5FEFF

00042F

D3FFFF

000119

F1FFFF

000000

0776AB

0776AB

0074AB

187CAB

■ 2981AB

■ 3A87AB

■ 4B8CAB

■ 5C92AB

■ 6E97AB

■ 7F9DAB

■ 90A2AB

■ A1A8AB

Harmonies

Analogous

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



007C9C



0776AB



5E6CAA

Triad

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



0776AB



A9565E



4C7A45

Complementary

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



0776AB



AB3C07

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.



6F7332



0776AB



A15E43

Square

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



0776AB



A2577D



8C6932



127E61

Rectangle

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



0776AB



7D64A0



8C6932



59783D

Sweetspot

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



0776AB



9EC9DE



07AB3B



496470



F0F0F0



707070

Same Dimension

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



0776AB



0096DE



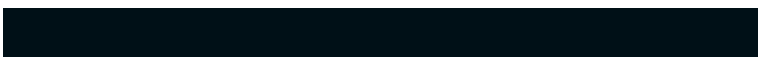
0725AB



4E5457



006696



001017

Inverse Universe

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



AB0776



DE0096



AB8D07



574E54



960066



170010

Previews

White Background



This preview shows how the Hex color 0776AB looks on a white background.

Color Contrast Check

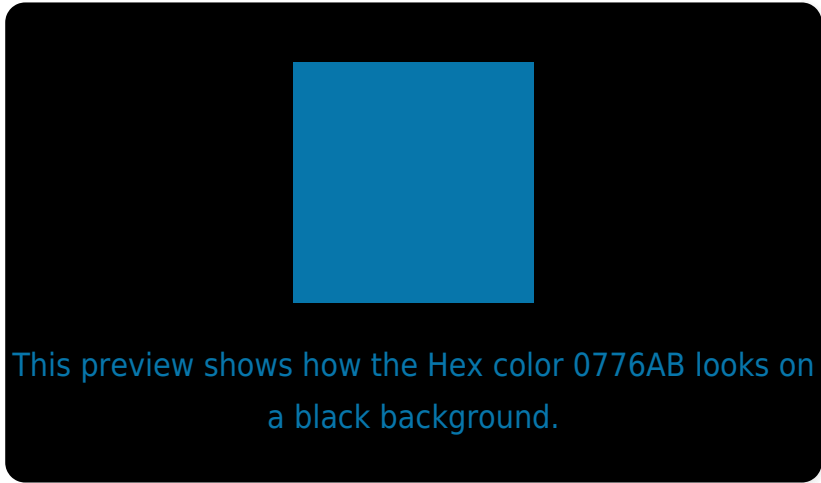
Large Text (above 18pt) WCAG AA ✓ Pass

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

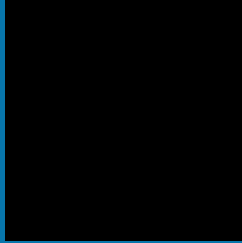
Any Text WCAG AA × Fail

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 0776AB Background



This preview shows how black text looks on a background with the Hex color 0776AB.

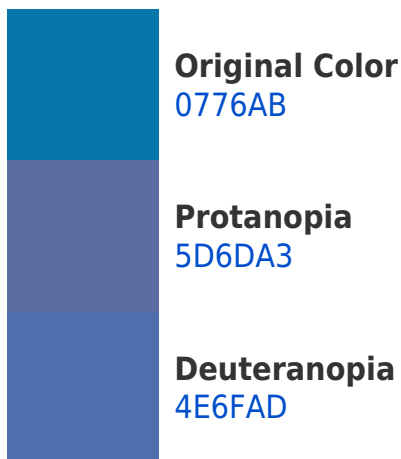


This preview shows how white text looks on a background with the Hex color 0776AB.

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
007B84

Trichromacy



Original Color
0776AB

Protanomaly
3E70A6

Deuteranomaly
3472AC

Tritanomaly
037992

Monochromacy



Original Color
0776AB

Achromatopsia
5B5B5B

Achromatomaly
3C6578

CSS Examples

Text

The CSS property to change the color of the text to Hex 0776AB 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 #0776AB looks like.

```
.text, #text, p{  
    color:#0776AB  
}
```

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 #0776AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0776AB
}
```

Border

The CSS property to change the border of an element to Hex 0776AB 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
#0776AB }
```

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

```
.border{ border-color:#0776AB }
```

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

Here you see how a box with a 4 pixel #0776AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0776AB; -webkit-box-shadow:4px 4px  
4px 4px #0776AB; box-shadow:4px 4px 4px  
4px #0776AB }
```

Background

The CSS property to change the background color of an element to Hex 0776AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0776AB }
```

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

```
.background{ background-color:#0776AB }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor