

Converting Colors

Hex(0776A3)

Have a look what the booklet for
Hex(0776A3) contains.

Hex(0776A3)	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(0776A3)

Conversions

Conversions Part 1

Format	Color
Hex	0776A3
RGB	7, 118, 163
RGB Percent	3%, 46%, 64%
CMY	0.9725, 0.5373, 0.3608
CMYK	0.96, 0.28, 0.00, 0.36
HSL	197°, 92%, 33%
HSV	197°, 96%, 64%
XYZ	13.1769, 15.6464, 36.9759
YIQ	89.9410, -80.6010, -9.5370

Conversions

Conversions Part 2

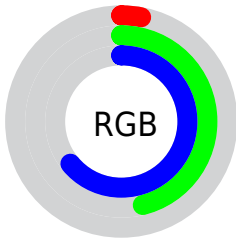
Format	Color
RYB	7, 72, 163
Decimal	489123
CIELab	46.51, -10.65, -31.76
CIElCh	47, 33.501, 251.467
Yxy	15.6464, 0.2003, 0.2378
Android (android.graphics.Color)	4278679203 (0xFF0776A3)
YUV	89.9410, 36.0181, -72.7393
Hunter-Lab	39.5555, -9.7594, -27.7345

Details

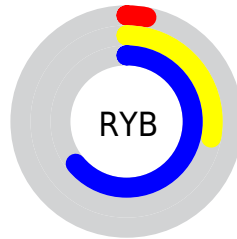
The Hex color **0776A3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A33407**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **59AADA**, and **00466F** is the 20% darker color. If you saturate the color by 10%, you get **0074A3**, and if you desaturate by 10%, it is **177BA3**.

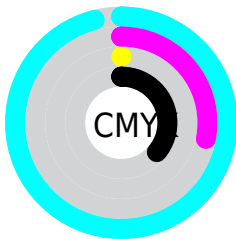
Distribution



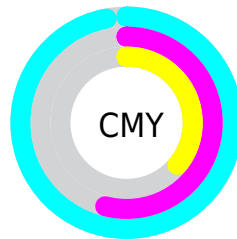
- Red (3%)
- Green (46%)
- Blue (64%)



- Red (3%)
- Yellow (28%)
- Blue (64%)



- Cyan (96%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (97%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0776A3 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 0776A3 by changing the saturation by 10% instead.

0776A3

0776A3

FFFFFF

005D89

59AADA

00466F

77C5F7

003056

95E1FF

001C3F

B2FEFF

000329

D0FFFF

000113

EEFFFF

000000

0776A3

0776A3

0074A3

177BA3

■ 287FA3

■ 3884A3

■ 4889A3

■ 588EA3

■ 6992A3

■ 7997A3

■ 899CA3

■ 9AA0A3

Harmonies

Analogous

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



007B93



0776A3



546DA5

Triad

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



0776A3



A45764



567743

Complementary

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



0776A3



A33407

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.



757036



0776A3



9F5D4A

Square

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



0776A3



995A81



8E6639



2F7B5B

Rectangle

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



0776A3



72669E



8E6639



61753D

Sweetspot

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



0776A3



96C2D4



07A333



46606B



EBEBEB



6B6B6B

Same Dimension

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



0776A3



0097D4



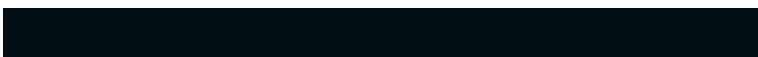
0729A3



494F52



006791



000D12

Inverse Universe

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



A30776



D40097



A38107



52494F



910067



12000D

Previews

White Background



This preview shows how the Hex color 0776A3 looks on a white background.

Color Contrast Check

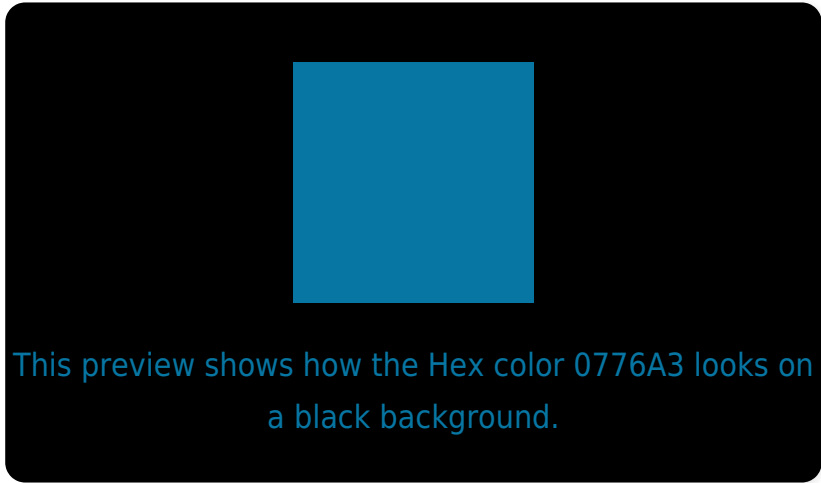
Large Text (above 18pt) WCAG AA ✓ Pass

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

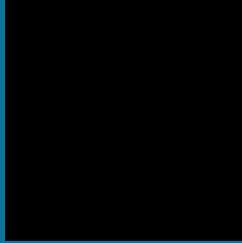
Any Text WCAG AA × Fail

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 0776A3 Background



This preview shows how black text looks on a background with the Hex color 0776A3.

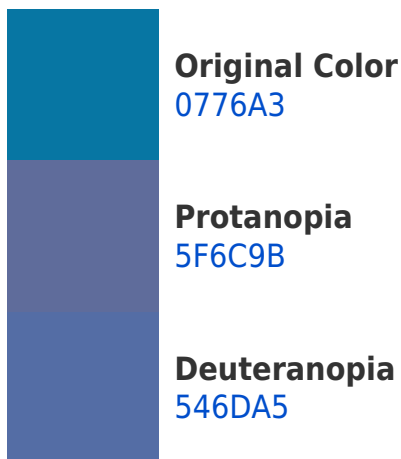


This preview shows how white text looks on a background with the Hex color 0776A3.

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](#).

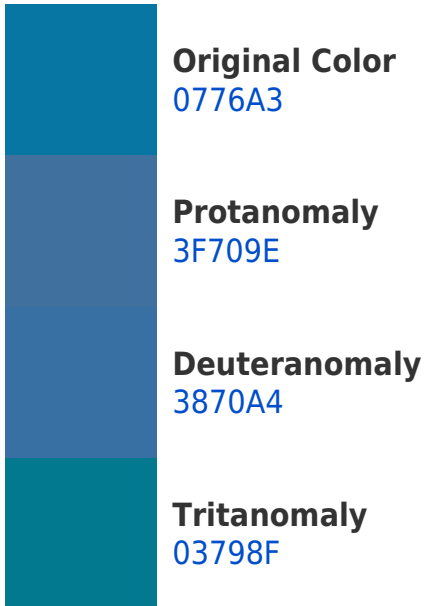
Dichromacy



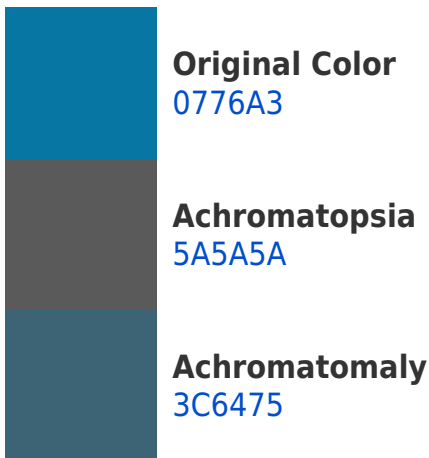


Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0776A3 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 #0776A3 looks like.

```
.text, #text, p{  
    color:#0776A3  
}
```

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 #0776A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0776A3
}
```

Border

The CSS property to change the border of an element to Hex 0776A3 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
#0776A3 }
```

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

```
.border{ border-color:#0776A3 }
```

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

Here you see how a box with a 4 pixel #0776A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0776A3; -webkit-box-shadow:4px 4px  
4px 4px #0776A3; box-shadow:4px 4px 4px  
4px #0776A3 }
```

Background

The CSS property to change the background color of an element to Hex 0776A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0776A3 }
```

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

```
.background{ background-color:#0776A3 }
```

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