

Converting Colors

Hex(0076B3)

Have a look what the booklet for
Hex(0076B3) contains.

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Color

Hex(0076B3)

Conversions

Conversions Part 1

Format	Color
Hex	0076B3
RGB	0, 118, 179
RGB Percent	0%, 46%, 70%
CMY	1.0000, 0.5373, 0.2980
CMYK	1.00, 0.34, 0.00, 0.30
HSL	200°, 100%, 35%
HSV	200°, 100%, 70%
XYZ	14.6151, 16.2115, 45.0067
YIQ	89.6720, -89.9090, -6.0450

Conversions

Conversions Part 2

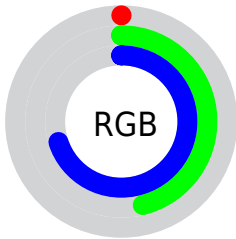
Format	Color
RYB	0, 71, 179
Decimal	30387
CIELab	47.25, -4.76, -39.93
CIELCh	47, 40.213, 263.198
Yxy	16.2115, 0.1927, 0.2138
Android (android.graphics.Color)	4278220467 (0xFF0076B3)
YUV	89.6720, 44.0387, -78.6423
Hunter-Lab	40.2636, -5.6682, -38.0900

Details

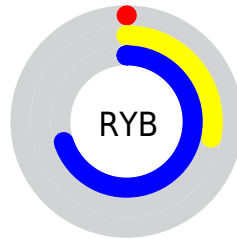
The Hex color **0076B3** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **B33D00**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **5CAAEB**, and **00467E** is the 20% darker color. If you saturate the color by 10%, you get **0076B3**, and if you desaturate by 10%, it is **127CB3**.

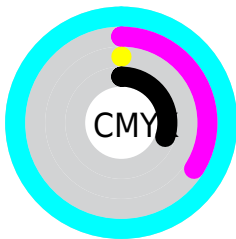
Distribution



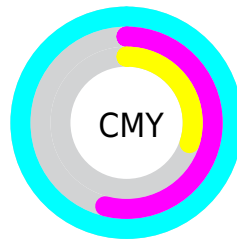
- Red (0%)
- Green (46%)
- Blue (70%)



- Red (0%)
- Yellow (28%)
- Blue (70%)



- Cyan (100%)
- Magenta (34%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (54%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0076B3 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 0076B3 by changing the saturation by 10% instead.

 0076B3

 0076B3

FFFFFF

 005E98

 5CAAEB

 00467E

 7BC5FF

 003064

 99E1FF

 001C4C

 B6FEFF

 000535

 D4FFFF

 00021F

 F3FFFF

 000002

 000000

 0076B3

 127CB3

 2482B3

 3688B3

 488EB3

 5A94B3

 6B9BB3

 7DA1B3

 8FA7B3

 A1ADB3

Harmonies

Analogous

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



007EA6



0076B3



656AAE

Triad

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



0076B3



AF5557



407D46

Complementary

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



0076B3



B33D00

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.



69762F



0076B3



A25F3B

Square

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



0076B3



AA5379



8A6C2A



008067

Rectangle

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



0076B3



8661A2



8A6C2A



507B3D

Sweetspot

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



0076B3



A2D0E8



00B33C



4B6775



F5F5F5



757575

Same Dimension

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



0076B3



0099E8



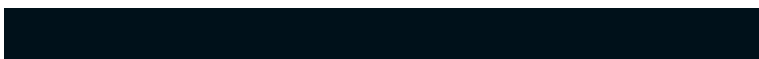
001EB3



505659



006599



00111A

Inverse Universe

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



B30076



E80099



B39500



595056



990065



1A0011

Previews

White Background



This preview shows how the Hex color 0076B3 looks on a white background.

Color Contrast Check

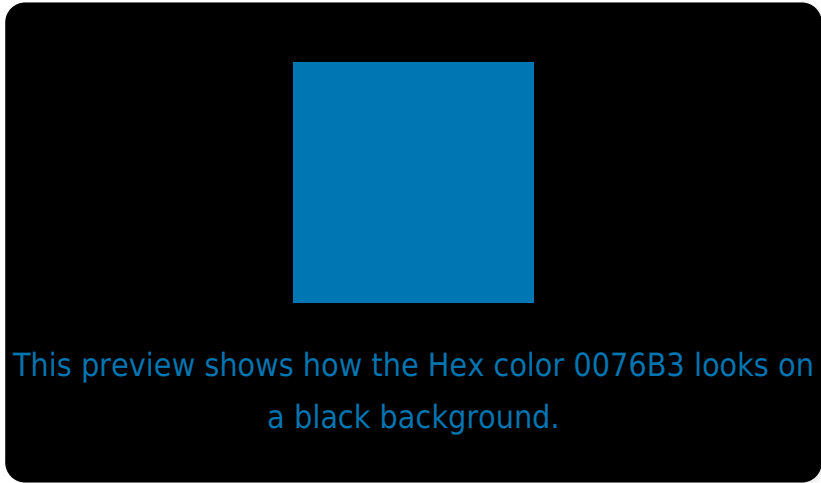
Large Text (above 18pt) WCAG AA ✓ Pass

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

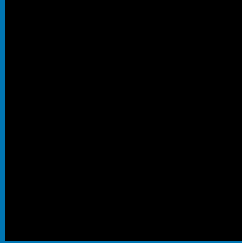
Any Text WCAG AA × Fail

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 0076B3 Background



This preview shows how black text looks on a background with the Hex color 0076B3.

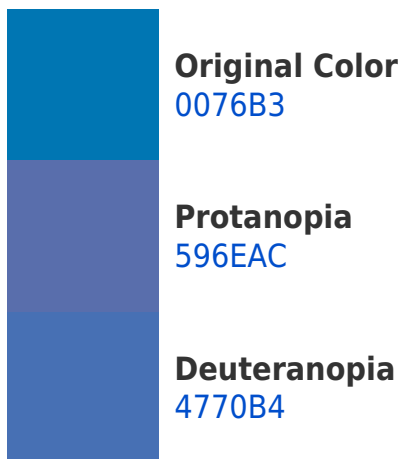


This preview shows how white text looks on a background with the Hex color 0076B3.

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



Original Color
0076B3

Protanomaly
3971AF

Deuteranomaly
2D72B4

Tritanomaly
007A96

Monochromacy



Original Color
0076B3

Achromatopsia
5A5A5A

Achromatomaly
39647A

CSS Examples

Text

The CSS property to change the color of the text to Hex 0076B3 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 #0076B3 looks like.

```
.text, #text, p{  
    color:#0076B3  
}
```

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 #0076B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0076B3
}
```

Border

The CSS property to change the border of an element to Hex 0076B3 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
#0076B3 }
```

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

```
.border{ border-color:#0076B3 }
```

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

Here you see how a box with a 4 pixel #0076B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0076B3; -webkit-box-shadow:4px 4px  
4px 4px #0076B3; box-shadow:4px 4px 4px  
4px #0076B3 }
```

Background

The CSS property to change the background color of an element to Hex 0076B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0076B3 }
```

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

```
.background{ background-color:#0076B3 }
```

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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