

Converting Colors

Hex(0176A4)

Have a look what the booklet for
Hex(0176A4) contains.

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Color

Hex(0176A4)

Conversions

Conversions Part 1

Format	Color
Hex	0176A4
RGB	1, 118, 164
RGB Percent	0%, 46%, 64%
CMY	0.9961, 0.5373, 0.3569
CMYK	0.99, 0.28, 0.00, 0.36
HSL	197°, 99%, 32%
HSV	197°, 99%, 64%
XYZ	13.1918, 15.6437, 37.4462
YIQ	88.2610, -84.4980, -10.4980

Conversions

Conversions Part 2

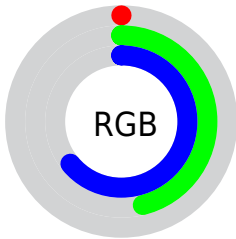
Format	Color
R_{YB}	1, 69, 164
Decimal	95908
CIE _{Lab}	46.50, -10.54, -32.36
CIE _{LCh}	47, 34.031, 251.966
Yxy	15.6437, 0.1990, 0.2360
Android (android.graphics.Color)	4278285988 (0xFF0176A4)
YUV	88.2610, 37.3393, -76.5279
Hunter-Lab	39.5521, -9.6810, -28.4468

Details

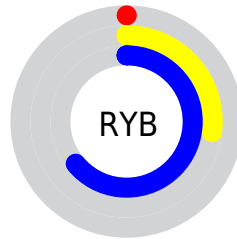
The Hex color **0176A4** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A42F01**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **58AADB**, and **004670** is the 20% darker color. If you saturate the color by 10%, you get **0076A4**, and if you desaturate by 10%, it is **117BA4**.

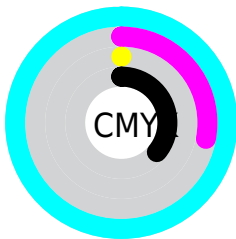
Distribution



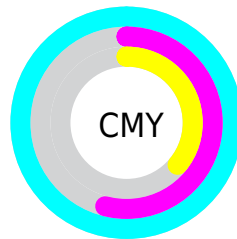
- Red (0%)
- Green (46%)
- Blue (64%)



- Red (0%)
- Yellow (27%)
- Blue (64%)



- Cyan (99%)
- Magenta (28%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (54%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0176A4 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 0176A4 by changing the saturation by 10% instead.

0176A4

0176A4

FFFFFF

005D8A

58AADB

004670

76C5F8

003057

94E1FF

001C40

B1FEFF

000329

CFFFFFF

000113

EDFFFF

000000

0176A4

0176A4

0076A4

117BA4

■ 227FA4

■ 3284A4

■ 4389A4

■ 538DA4

■ 6392A4

■ 7496A4

■ 849BA4

■ 95A0A4

Harmonies

Analogous

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



007B94



0176A4



556DA6

Triad

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



0176A4



A45764



557742

Complementary

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



0176A4



A42F01

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.



757035



0176A4



9F5D49

Square

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



0176A4



9A5981



8E6638



2C7C5C

Rectangle

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



0176A4



73669F



8E6638



60753C

Sweetspot

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



0176A4



96C4D6



01A42C



45606B



EBEBEB



6B6B6B

Same Dimension

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



0176A4



009AD6



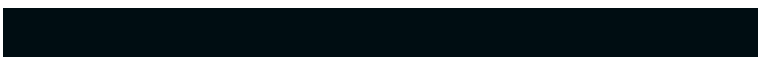
0127A4



494F52



006891



000D12

Inverse Universe

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



A40176



D6009A



A47E01



52494F



910068



12000D

Previews

White Background



This preview shows how the Hex color 0176A4 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



This preview shows how the Hex color 0176A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

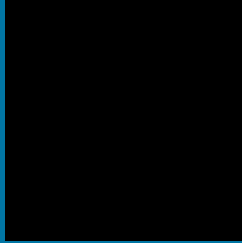
Any Text WCAG AA × Fail

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 0176A4 Background



This preview shows how black text looks on a background with the Hex color 0176A4.

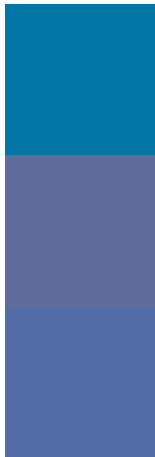


This preview shows how white text looks on a background with the Hex color 0176A4.

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



Original Color
0176A4

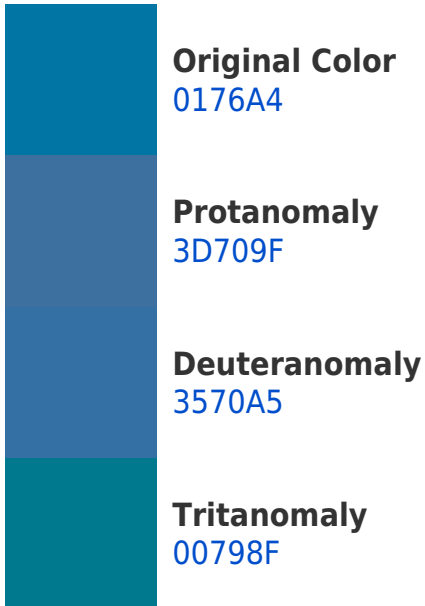
Protanopia
5F6C9C

Deuteranopia
536DA6

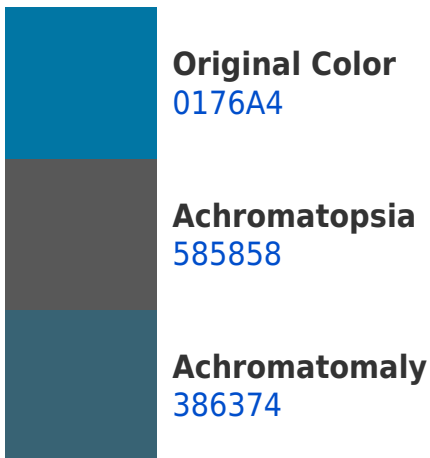


Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 0176A4 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 #0176A4 looks like.

```
.text, #text, p{  
    color:#0176A4  
}
```

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 #0176A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0176A4
}
```

Border

The CSS property to change the border of an element to Hex 0176A4 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
#0176A4 }
```

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

```
.border{ border-color:#0176A4 }
```

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

Here you see how a box with a 4 pixel #0176A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0176A4; -webkit-box-shadow:4px 4px  
4px 4px #0176A4; box-shadow:4px 4px 4px  
4px #0176A4 }
```

Background

The CSS property to change the background color of an element to Hex 0176A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0176A4 }
```

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

```
.background{ background-color:#0176A4 }
```

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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