

Converting Colors

Hex(0168A1)

Have a look what the booklet for
Hex(0168A1) contains.

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Color

Hex(0168A1)

Conversions

Conversions Part 1

Format	Color
Hex	0168A1
RGB	1, 104, 161
RGB Percent	0%, 41%, 63%
CMY	0.9961, 0.5922, 0.3686
CMYK	0.99, 0.35, 0.00, 0.37
HSL	201°, 99%, 32%
HSV	201°, 99%, 63%
XYZ	11.3959, 12.4803, 35.5265
YIQ	79.7010, -79.6850, -4.1090

Conversions

Conversions Part 2

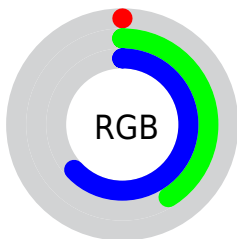
Format	Color
RYB	1, 64, 161
Decimal	92321
CIELab	41.97, -3.32, -37.74
CIELCh	42, 37.886, 264.976
Yxy	12.4803, 0.1918, 0.2101
Android (android.graphics.Color)	4278282401 (0xFF0168A1)
YUV	79.7010, 40.0804, -69.0208
Hunter-Lab	35.3275, -4.2429, -34.8949

Details

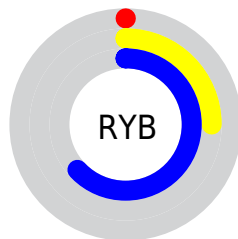
The Hex color **0168A1** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **A13A01**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **579BD8**, and **003A6D** is the 20% darker color. If you saturate the color by 10%, you get **0068A1**, and if you desaturate by 10%, it is **116EA1**.

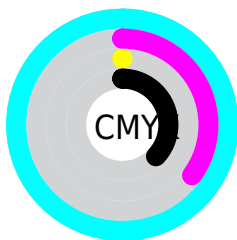
Distribution



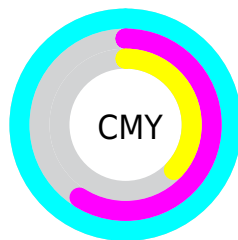
- Red (0%)
- Green (41%)
- Blue (63%)



- Red (0%)
- Yellow (25%)
- Blue (63%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (37%)



- Cyan (100%)
- Magenta (59%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0168A1 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 0168A1 by changing the saturation by 10% instead.

■ 0168A1

■ 0168A1

FFFFFF

■ 005087

■ 579BD8

■ 003A6D

■ 75B6F5

■ 002454

■ 92D1FF

■ 000F3D

■ AFEDFF

■ 000326

■ CDFFFF

■ 00010F

■ EBFFFF

■ 000000

■ 0168A1

■ 0168A1

■ 0068A1

■ 116EA1

■ 2173A1

■ 3179A1

■ 417FA1

■ 5185A1

■ 628AA1

■ 7290A1

■ 8296A1

■ 929CA1

Harmonies

Analogous

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



006F96



0168A1



5C5D9C

Triad

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



0168A1



9C4A4A



346F3E

Complementary

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



0168A1



A13A01

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.



5B6927



0168A1



905430

Square

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



0168A1



99486A



796022



00725D

Rectangle

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



0168A1



79548F



796022



426E35

Sweetspot

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



0168A1



92BBD1



01A139



435B69



E8E8E8



696969

Same Dimension

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



0168A1



0087D1



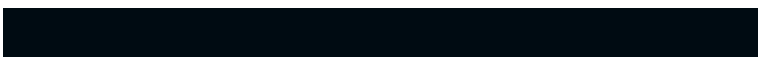
0119A1



494F52



005E91



000B12

Inverse Universe

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



A10168



D10087



A18901



52494F



91005E



12000B

Previews

White Background



This preview shows how the Hex color 0168A1 looks on a white background.

Color Contrast Check

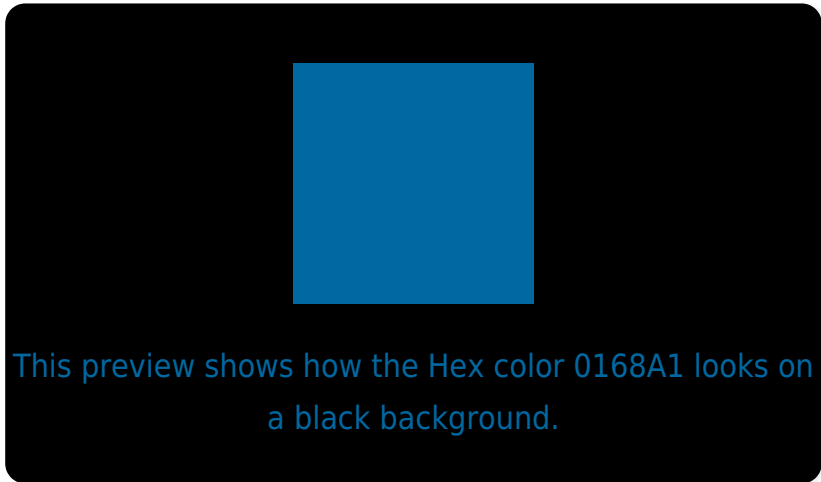
Large Text (above 18pt) WCAG AA ✓ Pass

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

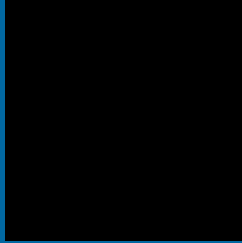
Any Text WCAG AA × Fail

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 0168A1 Background



This preview shows how black text looks on a background with the Hex color 0168A1.

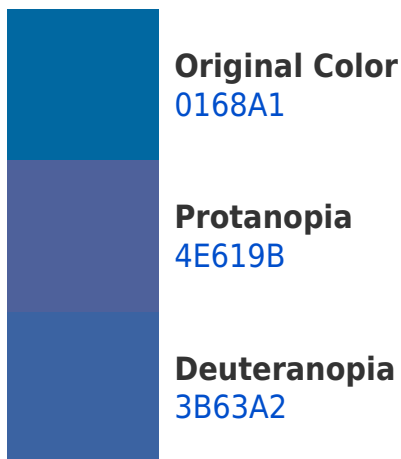


This preview shows how white text looks on a background with the Hex color 0168A1.

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
006E76

Trichromacy



Original Color
0168A1

Protanomaly
32649D

Deuteranomaly
2665A2

Tritanomaly
006C86

Monochromacy



Original Color
0168A1

Achromatopsia
505050

Achromatomaly
33596D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0168A1 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 #0168A1 looks like.

```
.text, #text, p{  
    color:#0168A1  
}
```

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 #0168A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0168A1
}
```

Border

The CSS property to change the border of an element to Hex 0168A1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

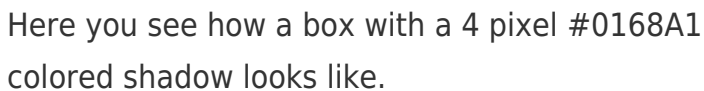
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0168A1 }
```

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

```
.border{ border-color:#0168A1 }
```

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



Here you see how a box with a 4 pixel #0168A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0168A1; -webkit-box-shadow:4px 4px  
4px 4px #0168A1; box-shadow:4px 4px 4px  
4px #0168A1 }
```

Background

The CSS property to change the background color of an element to Hex 0168A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0168A1 }
```

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

```
.background{ background-color:#0168A1 }
```

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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