

# Converting Colors

Hex(0196A1)

Have a look what the booklet for  
Hex(0196A1) contains.

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# Color

**Hex(0196A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0196A1
RGB	1, 150, 161
RGB Percent	0%, 59%, 63%
CMY	0.9961, 0.4118, 0.3686
CMYK	0.99, 0.07, 0.00, 0.37
HSL	184°, 99%, 32%
HSV	184°, 99%, 63%
XYZ	17.3519, 24.3924, 37.5119
YIQ	106.7030, -92.3350, -28.1670

# Conversions

## Conversions Part 2

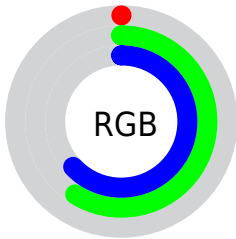
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 78, 161
Decimal	104097
CIELab	56.48, -28.76, -15.24
CIELCh	56, 32.553, 207.921
Yxy	24.3924, 0.2189, 0.3078
Android (android.graphics.Color)	4278294177 (0xFF0196A1)
YUV	106.7030, 26.7684, -92.7015
Hunter-Lab	49.3886, -23.7170, -10.4602

# Details

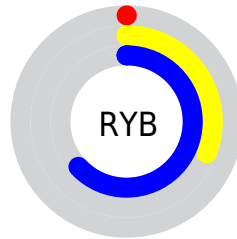
The Hex color **0196A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A10C01**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CCDD8**, and **00636D** is the 20% darker color. If you saturate the color by 10%, you get **0096A1**, and if you desaturate by 10%, it is **1197A1**.

# Distribution



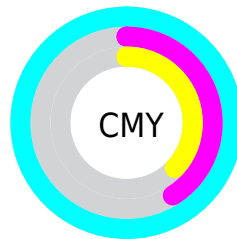
- Red (0%)
- Green (59%)
- Blue (63%)



- Red (0%)
- Yellow (31%)
- Blue (63%)



- Cyan (99%)
- Magenta (7%)
- Yellow (0%)
- Black (37%)




- Cyan (100%)
- Magenta (41%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 0196A1 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 0196A1 by changing the saturation by 10% instead.



 0196A1

 0196A1

FFFFFF

 007C87

 5CCDD8

 00636D

 7AE9F4

 004A55

 98FFFF

 00333E

 B6FFFF

 002028


 D4FFFF

 000114

 F2FFFF

 000000

 0196A1

 0196A1


 0096A1

 1197A1

 2198A1

 3199A1

 419AA1

 519CA1

 629DA1

 729EA1

 829FA1

 92A0A1

# Harmonies

## Analogous

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



369684



0196A1



2492B7

# Triad

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



0196A1



A977A6



9C854E

# Complementary

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



0196A1



A10C01

# 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.



B27B58



0196A1



BC718B

# Square

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



0196A1



8881B9



BE736E



7F8E54

# Rectangle

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



0196A1



498EBE



BE736E



A48250



# Sweetspot

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



0196A1



92CDD1



01A10C



436669



E8E8E8



696969



# Same Dimension

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



0196A1



00C3D1



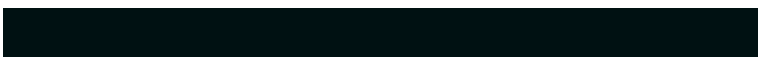
0146A1



495152



008791



001112



# Inverse Universe

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



A10196



D100C3



A15C01



524951



910087



120011



# Previews

## White Background



This preview shows how the Hex color 0196A1 looks on a white background.

## Color Contrast Check

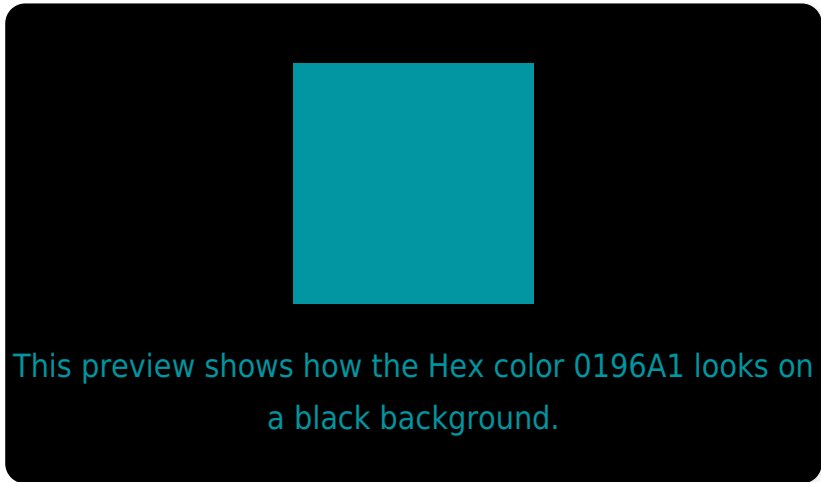
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

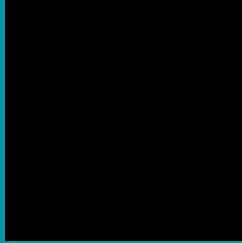
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0196A1 Background



This preview shows how black text looks on a background with the Hex color 0196A1.

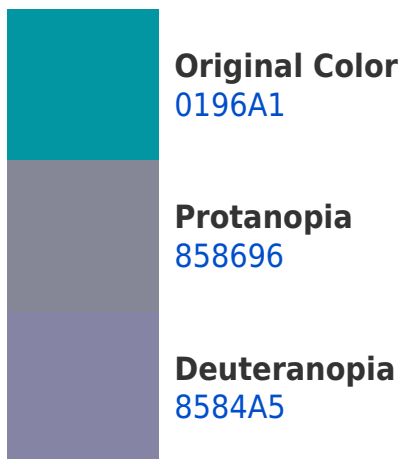


This preview shows how white text looks on a background with the Hex color 0196A1.

# 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



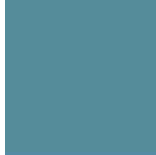


**Tritanopia**  
0A96A2

# Trichromacy



**Original Color**  
0196A1



**Protanomaly**  
558C9A



**Deuteranomaly**  
558BA4



**Tritanomaly**  
0796A2

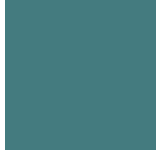
# Monochromacy



**Original Color**  
0196A1



**Achromatopsia**  
6B6B6B



**Achromatomaly**  
447B7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0196A1 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 #0196A1 looks like.

```
.text, #text, p{  
    color:#0196A1  
}
```

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 #0196A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0196A1
}
```

## Border

The CSS property to change the border of an element to Hex 0196A1 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
#0196A1 }
```

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

```
.border{ border-color:#0196A1 }
```

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

Here you see how a box with a 4 pixel #0196A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0196A1; -webkit-box-shadow:4px 4px  
4px 4px #0196A1; box-shadow:4px 4px 4px  
4px #0196A1 }
```

# Background

The CSS property to change the background color of an element to Hex 0196A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0196A1 }
```

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

```
.background{ background-color:#0196A1 }
```

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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