

Converting Colors

Hex(0196A4)

Have a look what the booklet for
Hex(0196A4) contains.

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Color

Hex(0196A4)

Conversions

Conversions Part 1

Format	Color
Hex	0196A4
RGB	1, 150, 164
RGB Percent	0%, 59%, 64%
CMY	0.9961, 0.4118, 0.3569
CMYK	0.99, 0.09, 0.00, 0.36
HSL	185°, 99%, 32%
HSV	185°, 99%, 64%
XYZ	17.6197, 24.4995, 38.9222
YIQ	107.0450, -93.2980, -27.2340

Conversions

Conversions Part 2

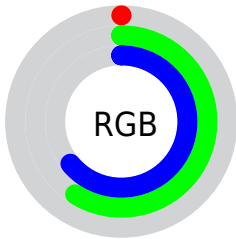
Format	Color
RYB	1, 79, 164
Decimal	104100
CIELab	56.58, -27.77, -16.80
CIELCh	57, 32.453, 211.167
Yxy	24.4995, 0.2174, 0.3023
Android (android.graphics.Color)	4278294180 (0xFF0196A4)
YUV	107.0450, 28.0788, -93.0015
Hunter-Lab	49.4970, -23.0780, -11.9751

Details

The Hex color **0196A4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A40F01**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5CCDDB**, and **006370** is the 20% darker color. If you saturate the color by 10%, you get **0096A4**, and if you desaturate by 10%, it is **1197A4**.

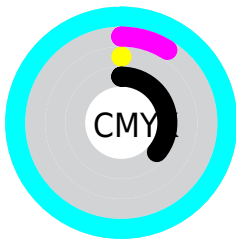
Distribution



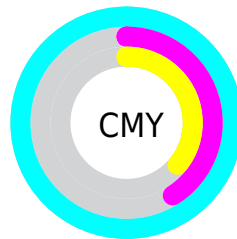
- Red (0%)
- Green (59%)
- Blue (64%)



- Red (0%)
- Yellow (31%)
- Blue (64%)



- Cyan (99%)
- Magenta (9%)
- Yellow (0%)
- Black (36%)





- Cyan (100%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0196A4 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 0196A4 by changing the saturation by 10% instead.

 0196A4

 0196A4

FFFFFF

 007C8A

 5CCDDB

 006370

 7BE9F7

 004A58

 99FFFF

 003340

 B7FFFF


 00202A

 D5FFFF

 000116


 F3FFFF

 000000

 0196A4

 0196A4

 0096A4

 1197A4

 2299A4

 329AA4

 439CA4

 539DA4

 639EA4

 74A0A4

 84A1A4

 95A3A4

Harmonies

Analogous

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



329788



0196A4



2B92B8

Triad

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



0196A4



AC76A3



99864F

Complementary

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



0196A4



A40F01

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.



B07D57



0196A4



BD7288

Square

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



0196A4



8C80B8



BD746C



7C8F56

Rectangle

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



0196A4



4F8DBF



BD746C



A28350

Sweetspot

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



0196A4



96D1D6



01A40F



45686B



EBEBEB



6B6B6B

Same Dimension

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



0196A4



00C4D6



0145A4



495152



008591



001012

Inverse Universe

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



A40196



D600C4



A46001



524951



910085



120010

Previews

White Background



This preview shows how the Hex color 0196A4 looks on a white background.

Color Contrast Check

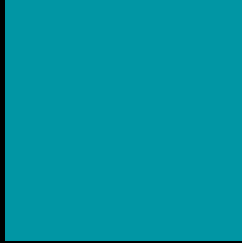
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 0196A4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

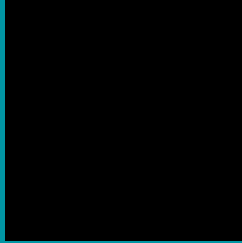
Any Text WCAG AA ✓ Pass

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 0196A4 Background



This preview shows how black text looks on a background with the Hex color 0196A4.

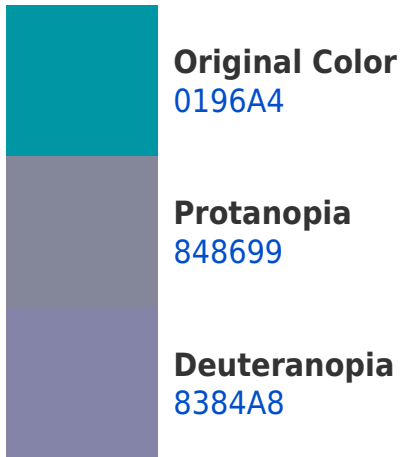


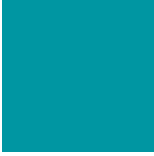
This preview shows how white text looks on a background with the Hex color 0196A4.

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



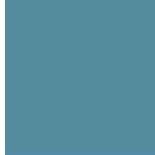


Tritanopia
0096A2

Trichromacy



Original Color
0196A4



Protanomaly
548C9D



Deuteranomaly
548BA7



Tritanomaly
0096A3

Monochromacy



Original Color
0196A4



Achromatopsia
6B6B6B



Achromatomaly
447B80

CSS Examples

Text

The CSS property to change the color of the text to Hex 0196A4 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 #0196A4 looks like.

```
.text, #text, p{  
    color:#0196A4  
}
```

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 #0196A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0196A4  
}
```

Border

The CSS property to change the border of an element to Hex 0196A4 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  
#0196A4 }
```

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

```
.border{ border-color:#0196A4 }
```

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

Here you see how a box with a 4 pixel #0196A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0196A4; -webkit-box-shadow:4px 4px  
4px 4px #0196A4; box-shadow:4px 4px 4px  
4px #0196A4 }
```

Background

The CSS property to change the background color of an element to Hex 0196A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0196A4 }
```

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

```
.background{ background-color:#0196A4 }
```

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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