

# Converting Colors

Hex(00A1A4)

Have a look what the booklet for  
Hex(00A1A4) contains.

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# Color

Hex(00A1A4)

# Conversions

## Conversions Part 1

Format	Color
Hex	00A1A4
RGB	0, 161, 164
RGB Percent	0%, 63%, 64%
CMY	1.0000, 0.3686, 0.3569
CMYK	1.00, 0.02, 0.00, 0.36
HSL	181°, 100%, 32%
HSV	181°, 100%, 64%
XYZ	19.4457, 28.1701, 39.5344
YIQ	113.2030, -96.9190, -33.1990

# Conversions

## Conversions Part 2

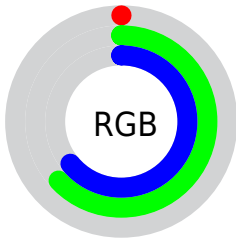
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 164
Decimal	41380
CIELab	60.04, -33.15, -11.57
CIELCh	60, 35.108, 199.250
Yxy	28.1701, 0.2231, 0.3232
Android (android.graphics.Color)	4278231460 (0xFF00A1A4)
YUV	113.2030, 25.0429, -99.2790
Hunter-Lab	53.0755, -27.4836, -7.0106

# Details

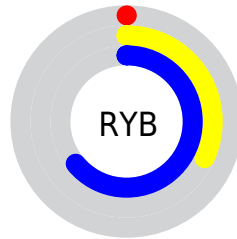
The Hex color **00A1A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A40300**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5ED8DB**, and **006D70** is the 20% darker color. If you saturate the color by 10%, you get **00A1A4**, and if you desaturate by 10%, it is **10A1A4**.

# Distribution



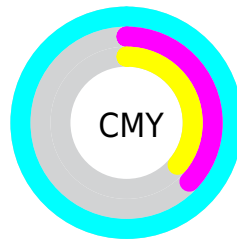
- Red (0%)
- Green (63%)
- Blue (64%)



- Red (0%)
- Yellow (32%)
- Blue (64%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (37%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A1A4 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 00A1A4 by changing the saturation by 10% instead.



 00A1A4

 00A1A4

FFFFFF

 00868A

 5ED8DB

 006D70

 7DF5F7

 005458


 9BFFFF

 003C41

 B9FFFF

 00272B

 D7FFFF

 000117

 F6FFFF

 000000

 00A1A4

 10A1A4

 21A2A4

 31A2A4

 42A2A4

 52A2A4

 62A3A4

 73A3A4

 83A3A4

 94A4A4

# Harmonies

## Analogous

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



44A084



00A1A4



009EBF

# Triad

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



00A1A4



AD81B9



AF8B54

# Complementary

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



00A1A4



A40300

# 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.



C48063



00A1A4



C57A9D

# Square

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



00A1A4



848DCB



CD797E



919555

# Rectangle

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



00A1A4



399ACA



CD797E



B78757



# Sweetspot

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



00A1A4



96D5D6



00A403



456A6B



EBEBEB



6B6B6B



# Same Dimension

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



00A1A4



00D2D6



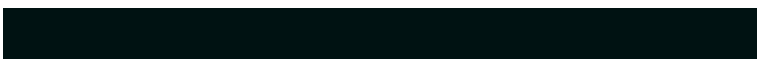
004FA4



495152



008F91



001212



# Inverse Universe

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



A400A1



D600D2



A45500



524951



91008F



120012



# Previews

## White Background



This preview shows how the Hex color 00A1A4 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 00A1A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

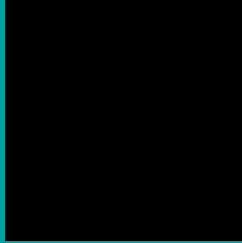
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A1A4 Background



This preview shows how black text looks on a background with the Hex color 00A1A4.

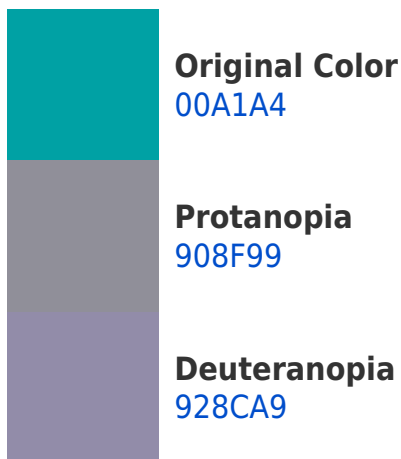


This preview shows how white text looks on a background with the Hex color 00A1A4.

# 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**  
1AA0AD

# Trichromacy



**Original Color**

00A1A4



**Protanomaly**

5C969D



**Deuteranomaly**

5D94A7



**Tritanomaly**

11A0AA

# Monochromacy



**Original Color**

00A1A4



**Achromatopsia**

717171



**Achromatomaly**

488284

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A1A4 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 #00A1A4 looks like.

```
.text, #text, p{  
    color:#00A1A4  
}
```

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 #00A1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A1A4  
}
```

## Border

The CSS property to change the border of an element to Hex 00A1A4 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  
#00A1A4 }
```

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

```
.border{ border-color:#00A1A4 }
```

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

Here you see how a box with a 4 pixel #00A1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A1A4; -webkit-box-shadow:4px 4px  
4px 4px #00A1A4; box-shadow:4px 4px 4px  
4px #00A1A4 }
```

# Background

The CSS property to change the background color of an element to Hex 00A1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A1A4 }
```

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

```
.background{ background-color:#00A1A4 }
```

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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