

# Converting Colors

Hex(00A597)

Have a look what the booklet for  
Hex(00A597) contains.

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# Color

**Hex(00A597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A597
RGB	0, 165, 151
RGB Percent	0%, 65%, 59%
CMY	1.0000, 0.3529, 0.4078
CMYK	1.00, 0.00, 0.08, 0.35
HSL	175°, 100%, 32%
HSV	175°, 100%, 65%
XYZ	19.0410, 29.1446, 33.9001
YIQ	114.0690, -93.8460, -39.3340

# Conversions

## Conversions Part 2

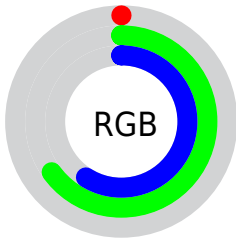
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 86, 165
Decimal	42391
CIELab	60.91, -38.94, -2.95
CIELCh	61, 39.052, 184.334
Yxy	29.1446, 0.2320, 0.3551
Android (android.graphics.Color)	4278232471 (0xFF00A597)
YUV	114.0690, 18.2070, -100.0385
Hunter-Lab	53.9858, -31.5173, 0.5592

# Details

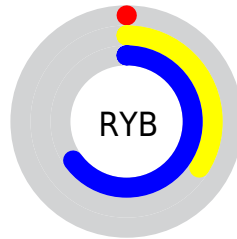
The Hex color **00A597** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A5000E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5DDDCD**, and **007064** is the 20% darker color. If you saturate the color by 10%, you get **00A597**, and if you desaturate by 10%, it is **10A598**.

# Distribution



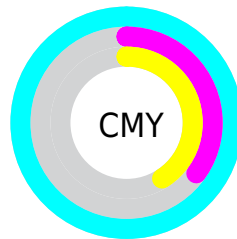
- Red (0%)
- Green (65%)
- Blue (59%)



- Red (0%)
- Yellow (34%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A597 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 00A597 by changing the saturation by 10% instead.



 00A597

 00A597

FFFFFF

 008A7D

 5DDDCD

 007064

 7CFAE9

 00574C

 9AFFFF

 003F36

 B8FFFF

 002921

 D6FFFF

 00070A

 F4FFFF

 000000

 00A597

 10A598

 21A59A

 32A59B

 42A59D

 52A59E

 63A59F

 73A5A1

 84A5A2

 94A5A4

# Harmonies

## Analogous

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



54A374



00A597



00A4B9

# Triad

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



00A597



9D88CC



C18655

# Complementary

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



00A597



A5000E

# 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.



D27B6E



00A597



C27CB1

# Square

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



00A597



6595D7



D4778F



A4934D

# Rectangle

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



00A597



00A1CA



D4778F



C8825C



# Sweetspot

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



00A597



96D6D1



11A500



456B68



EBEBEB



6B6B6B



# Same Dimension

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



00A597



00D6C4



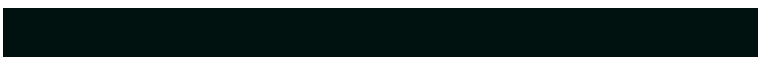
0063A5



495251



009185



001210



# Inverse Universe

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



A5000E



D60012



A54200



52494A



91000C



120002



# Previews

## White Background



This preview shows how the Hex color 00A597 looks on a white background.

## Color Contrast Check

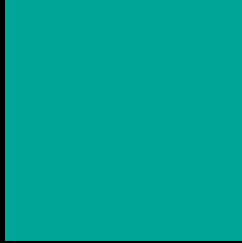
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A597 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

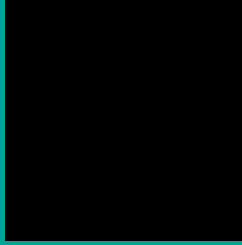
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 00A597 Background



This preview shows how black text looks on a background with the Hex color 00A597.

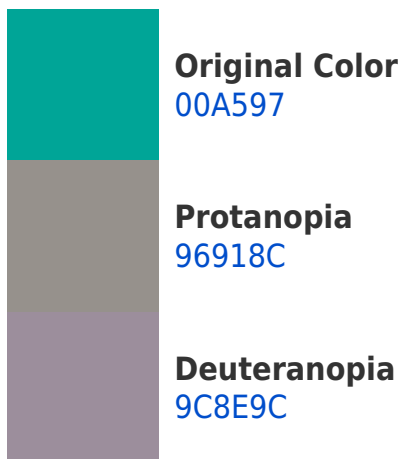


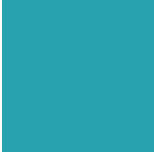
This preview shows how white text looks on a background with the Hex color 00A597.

# 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**  
28A2AF

# Trichromacy



**Original Color**  
00A597



**Protanomaly**  
5F9890



**Deuteranomaly**  
63969A



**Tritanomaly**  
19A3A6

# Monochromacy



**Original Color**  
00A597



**Achromatopsia**  
727272



**Achromatomaly**  
49857F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A597 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 #00A597 looks like.

```
.text, #text, p{  
    color:#00A597  
}
```

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 #00A597 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A597
}
```

## Border

The CSS property to change the border of an element to Hex 00A597 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
#00A597 }
```

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

```
.border{ border-color:#00A597 }
```

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

Here you see how a box with a 4 pixel #00A597 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A597; -webkit-box-shadow:4px 4px  
4px 4px #00A597; box-shadow:4px 4px 4px  
4px #00A597 }
```

# Background

The CSS property to change the background color of an element to Hex 00A597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A597 }
```

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

```
.background{ background-color:#00A597 }
```

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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