

Converting Colors

Hex(00A6A4)

Have a look what the booklet for
Hex(00A6A4) contains.

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Color

Hex(00A6A4)

Conversions

Conversions Part 1

Format	Color
Hex	00A6A4
RGB	0, 166, 164
RGB Percent	0%, 65%, 64%
CMY	1.0000, 0.3490, 0.3569
CMYK	1.00, 0.00, 0.01, 0.35
HSL	179°, 100%, 33%
HSV	179°, 100%, 65%
XYZ	20.3371, 29.9528, 39.8315
YIQ	116.1380, -98.2940, -35.8140

Conversions

Conversions Part 2

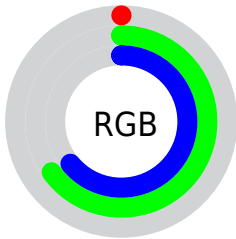
Format	Color
RYB	0, 84, 166
Decimal	42660
CIELab	61.61, -35.48, -9.22
CIELCh	62, 36.663, 194.568
Yxy	29.9528, 0.2257, 0.3324
Android (android.graphics.Color)	4278232740 (0xFF00A6A4)
YUV	116.1380, 23.5960, -101.8530
Hunter-Lab	54.7291, -29.4463, -4.8405

Details

The Hex color **00A6A4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A60002**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FDEDB**, and **007170** is the 20% darker color. If you saturate the color by 10%, you get **00A6A4**, and if you desaturate by 10%, it is **11A6A4**.

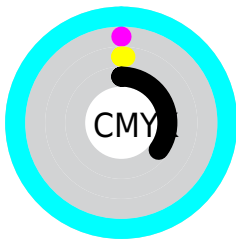
Distribution



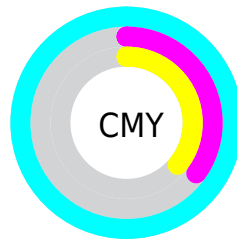
- Red (0%)
- Green (65%)
- Blue (64%)



- Red (0%)
- Yellow (33%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6A4 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 00A6A4 by changing the saturation by 10% instead.

 00A6A4

 00A6A4

FFFFFF

 008B8A

 5FDEDB

 007170

 7EFAF7

 005858

 9CFFFF

 004041

 BAF7FF

 002A2B


 D9FFFF

 000C17

 F7FFFF

 000000

 00A6A4

 11A6A4

 21A6A4

 32A6A5

 42A6A5

 53A6A5

 64A6A5

 74A6A5

 85A6A6

 95A6A6

Harmonies

Analogous

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



4BA582



00A6A4



00A3C1

Triad

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



00A6A4



AC87C3



B88D56

Complementary

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



00A6A4



A60002

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.



CD8269



00A6A4



C97DA7

Square

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



00A6A4



7F93D3



D47B86



9A9855

Rectangle

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



00A6A4



29A0CF



D47B86



C0895B

Sweetspot

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



00A6A4



98D9D8



03A600



466E6D



EDEDED



6E6E6E

Same Dimension

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



00A6A4



00D9D6



0056A6



4C5454



009492



001414

Inverse Universe

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



A60002



D90003



A65000



544C4C



940002



140000

Previews

White Background



This preview shows how the Hex color 00A6A4 looks on a white background.

Color Contrast Check

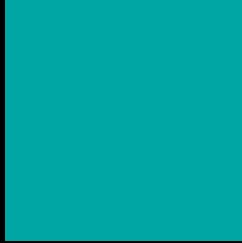
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A6A4 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 00A6A4 Background



This preview shows how black text looks on a background with the Hex color 00A6A4.

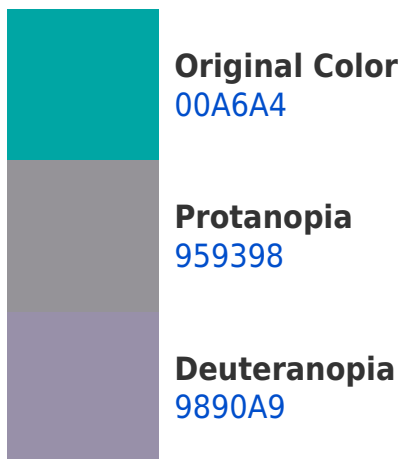


This preview shows how white text looks on a background with the Hex color 00A6A4.

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



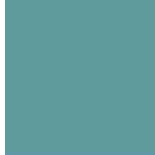


Tritanopia
20A4B1

Trichromacy



Original Color
00A6A4



Protanomaly
5F9A9C



Deuteranomaly
6198A7



Tritanomaly
14A5AC

Monochromacy



Original Color
00A6A4



Achromatopsia
747474



Achromatomaly
4A8685

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6A4 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 #00A6A4 looks like.

```
.text, #text, p{  
    color:#00A6A4  
}
```

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 #00A6A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6A4
}
```

Border

The CSS property to change the border of an element to Hex 00A6A4 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
#00A6A4 }
```

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

```
.border{ border-color:#00A6A4 }
```

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

Here you see how a box with a 4 pixel #00A6A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6A4; -webkit-box-shadow:4px 4px  
4px 4px #00A6A4; box-shadow:4px 4px 4px  
4px #00A6A4 }
```

Background

The CSS property to change the background color of an element to Hex 00A6A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6A4 }
```

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

```
.background{ background-color:#00A6A4 }
```

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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