

Converting Colors

Hex(00A4B6)

Have a look what the booklet for
Hex(00A4B6) contains.

Hex(00A4B6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00A4B6)

Conversions

Conversions Part 1

Format	Color
Hex	00A4B6
RGB	0, 164, 182
RGB Percent	0%, 64%, 71%
CMY	1.0000, 0.3569, 0.2863
CMYK	1.00, 0.10, 0.00, 0.29
HSL	186°, 100%, 36%
HSV	186°, 100%, 71%
XYZ	21.7190, 29.9283, 48.8880
YIQ	117.0160, -103.5220, -29.1700

Conversions

Conversions Part 2

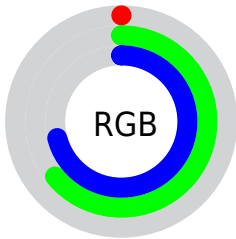
Format	Color
R _Y B	0, 86, 182
Decimal	42166
CIE Lab	61.59, -28.77, -19.37
CIE LCh	62, 34.680, 213.951
Yxy	29.9283, 0.2160, 0.2977
Android (android.graphics.Color)	4278232246 (0xFF00A4B6)
YUV	117.0160, 32.0371, -102.6230
Hunter-Lab	54.7068, -24.8712, -14.6890

Details

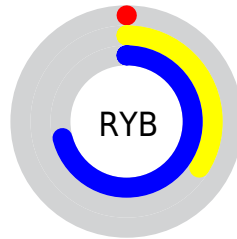
The Hex color **00A4B6** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B61200**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **61DBEE**, and **007081** is the 20% darker color. If you saturate the color by 10%, you get **00A4B6**, and if you desaturate by 10%, it is **12A6B6**.

Distribution



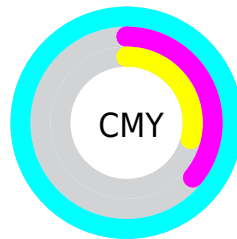
- Red (0%)
- Green (64%)
- Blue (71%)



- Red (0%)
- Yellow (34%)
- Blue (71%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A4B6 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 00A4B6 by changing the saturation by 10% instead.

 00A4B6

 00A4B6

FFFFFF

 00899B

 61DBEE

 007081

 81F8FF

 005768

 9FFFFFF

 003F50

 BEFFFF

 002939

 DCFFFF

 000D24

 FBFFFF

 00000C

 000000

 00A4B6

 12A6B6

 24A8B6

 37A9B6

 49ABB6

 5BADB6

 6DAFB6

 7FB1B6

 92B2B6

 A4B4B6

Harmonies

Analogous

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



33A598



00A4B6



369FCB

Triad

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



00A4B6



BF81B0



A59457

Complementary

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



00A4B6



B61200

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.



BF8A5E



00A4B6



CF7D92

Square

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



00A4B6



9E8BC8



CE8074



849D61

Rectangle

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



00A4B6



5D9AD1



CE8074



AE9157

Sweetspot

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



00A4B6



A6E6ED



00B60F



4D7478



F7F7F7



787878

Same Dimension

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



00A4B6



00D6ED



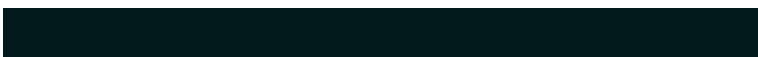
004CB6



535B5C



008C9C



00191C

Inverse Universe

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



B600A4



ED00D6



B66A00



5C535B



9C008C



1C0019

Previews

White Background



This preview shows how the Hex color 00A4B6 looks on a white background.

Color Contrast Check

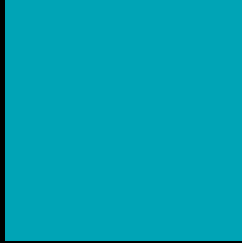
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A4B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

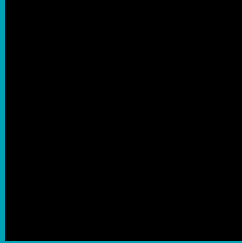
Any Text WCAG AA ✓ Pass

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 00A4B6 Background



This preview shows how black text looks on a background with the Hex color 00A4B6.

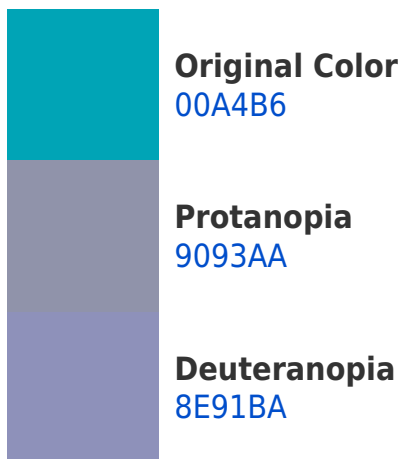


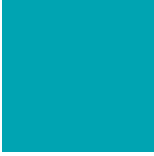
This preview shows how white text looks on a background with the Hex color 00A4B6.

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](#).

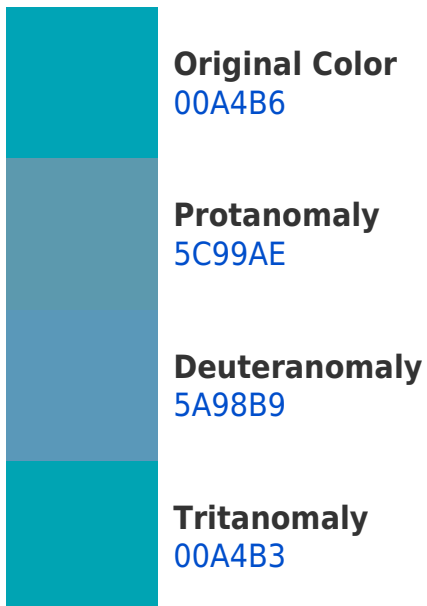
Dichromacy



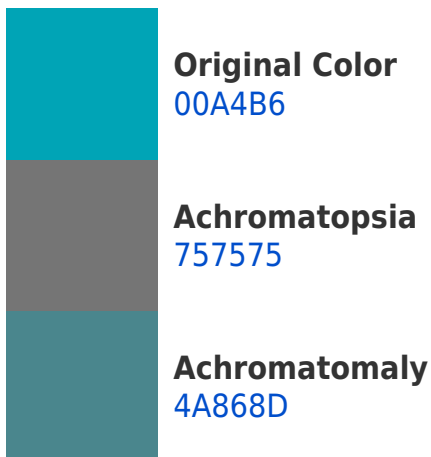


Tritanopia
00A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 00A4B6 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 #00A4B6 looks like.

```
.text, #text, p{  
    color:#00A4B6  
}
```

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 #00A4B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A4B6
}
```

Border

The CSS property to change the border of an element to Hex 00A4B6 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
#00A4B6 }
```

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

```
.border{ border-color:#00A4B6 }
```

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

Here you see how a box with a 4 pixel #00A4B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A4B6; -webkit-box-shadow:4px 4px  
4px 4px #00A4B6; box-shadow:4px 4px 4px  
4px #00A4B6 }
```

Background

The CSS property to change the background color of an element to Hex 00A4B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A4B6 }
```

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

```
.background{ background-color:#00A4B6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor