

Converting Colors

Hex(00A6B9)

Have a look what the booklet for
Hex(00A6B9) contains.

Hex(00A6B9)	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(00A6B9)

Conversions

Conversions Part 1

Format	Color
Hex	00A6B9
RGB	0, 166, 185
RGB Percent	0%, 65%, 73%
CMY	1.0000, 0.3490, 0.2745
CMYK	1.00, 0.10, 0.00, 0.27
HSL	186°, 100%, 36%
HSV	186°, 100%, 73%
XYZ	22.3932, 30.7752, 50.6589
YIQ	118.5320, -105.0350, -29.2830

Conversions

Conversions Part 2

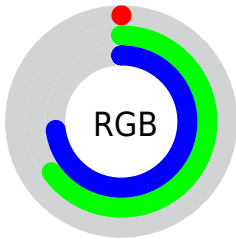
Format	Color
RYB	0, 87, 185
Decimal	42681
CIELab	62.32, -28.76, -19.95
CIELCh	62, 35.001, 214.739
Yxy	30.7752, 0.2157, 0.2964
Android (android.graphics.Color)	4278232761 (0xFF00A6B9)
YUV	118.5320, 32.7687, -103.9526
Hunter-Lab	55.4754, -25.0288, -15.3095

Details

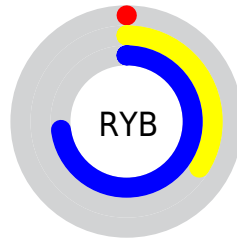
The Hex color **00A6B9** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B91300**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **62DDF1**, and **007284** is the 20% darker color. If you saturate the color by 10%, you get **00A6B9**, and if you desaturate by 10%, it is **12A8B9**.

Distribution



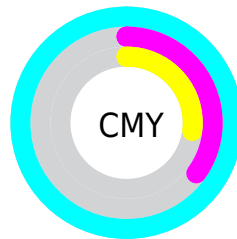
- Red (0%)
- Green (65%)
- Blue (73%)



- Red (0%)
- Yellow (34%)
- Blue (73%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (35%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A6B9 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 00A6B9 by changing the saturation by 10% instead.



00A6B9



00A6B9

FFFFFF



008B9E



62DDF1



007284



82FAFF



00596B



A0FFFF



004152



BFFFFFF



002A3B



DDFFFF



001126



FCFFFF



00010F



000000



00A6B9

 12A8B9

 25AAB9

 38ACB9

 4AAEB9

 5DAFB9

 6FB1B9

 82B3B9

 94B5B9

 A7B7B9

Harmonies

Analogous

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



32A79B



00A6B9



38A1CE

Triad

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



00A6B9



C283B2



A69658

Complementary

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



00A6B9



B91300

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.



C18C5F



00A6B9



D27E93

Square

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



00A6B9



A18DCA



D18275



859F62

Rectangle

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



00A6B9



5F9BD4



D18275



B09358

Sweetspot

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



00A6B9



A8E8F0



00B912



4D7378



F7F7F7



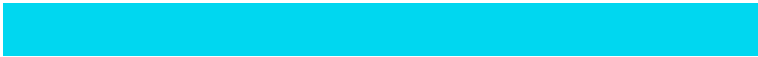
787878

Same Dimension

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



00A6B9



00D7F0



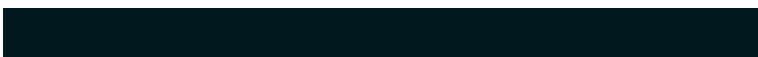
004AB9



535B5C



008C9C



00191C

Inverse Universe

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



B900A6



F000D7



B96F00



5C535B



9C008C



1C0019

Previews

White Background



This preview shows how the Hex color 00A6B9 looks on a white background.

Color Contrast Check

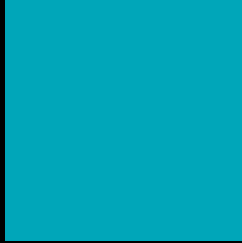
Large Text (above 18pt) WCAG AA × Fail

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 00A6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

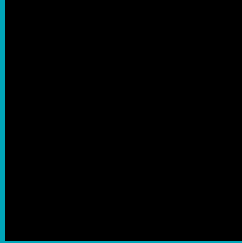
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 00A6B9 Background



This preview shows how black text looks on a background with the Hex color 00A6B9.

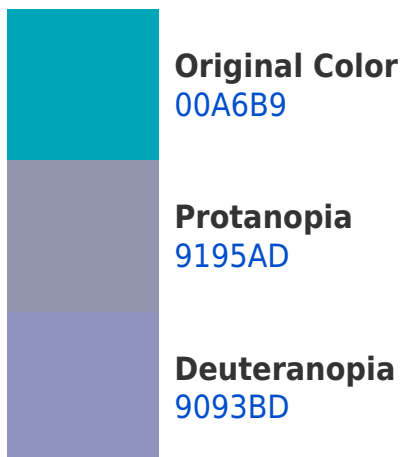


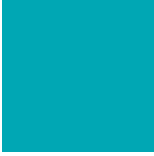
This preview shows how white text looks on a background with the Hex color 00A6B9.

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
00A7B4

Trichromacy



Original Color
00A6B9



Protanomaly
5C9BB1



Deuteranomaly
5C9ABC



Tritanomaly
00A7B6

Monochromacy



Original Color
00A6B9



Achromatopsia
777777



Achromatomaly
4C888F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A6B9 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 #00A6B9 looks like.

```
.text, #text, p{  
    color:#00A6B9  
}
```

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 #00A6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A6B9
}
```

Border

The CSS property to change the border of an element to Hex 00A6B9 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
#00A6B9 }
```

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

```
.border{ border-color:#00A6B9 }
```

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

Here you see how a box with a 4 pixel #00A6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A6B9; -webkit-box-shadow:4px 4px  
4px 4px #00A6B9; box-shadow:4px 4px 4px  
4px #00A6B9 }
```

Background

The CSS property to change the background color of an element to Hex 00A6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A6B9 }
```

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

```
.background{ background-color:#00A6B9 }
```

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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