

Converting Colors

Hex(04A0A0)

Have a look what the booklet for
Hex(04A0A0) contains.

Hex(04A0A0)	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(04A0A0)

Conversions

Conversions Part 1

Format	Color
Hex	04A0A0
RGB	4, 160, 160
RGB Percent	2%, 63%, 63%
CMY	0.9843, 0.3725, 0.3725
CMYK	0.98, 0.00, 0.00, 0.37
HSL	180°, 95%, 32%
HSV	180°, 98%, 63%
XYZ	18.9660, 27.7055, 37.6058
YIQ	113.3560, -92.9760, -33.0720

Conversions

Conversions Part 2

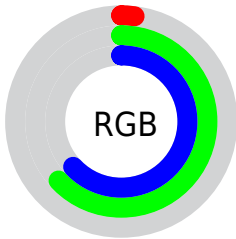
Format	Color
RYB	4, 82, 160
Decimal	303264
CIELab	59.62, -33.78, -9.94
CIELCh	60, 35.209, 196.399
Yxy	27.7055, 0.2250, 0.3287
Android (android.graphics.Color)	4278493344 (0xFF04A0A0)
YUV	113.3560, 22.9955, -95.9052
Hunter-Lab	52.6360, -27.7951, -5.5145

Details

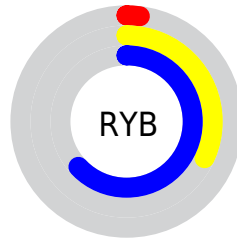
The Hex color **04A0A0** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A00404**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **5ED7D7**, and **006C6D** is the 20% darker color. If you saturate the color by 10%, you get **00A0A0**, and if you desaturate by 10%, it is **14A0A0**.

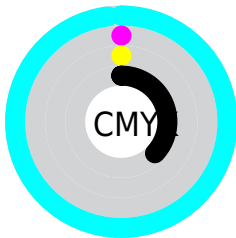
Distribution



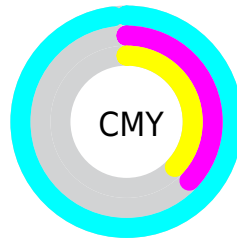
- Red (2%)
- Green (63%)
- Blue (63%)



- Red (2%)
- Yellow (32%)
- Blue (63%)



- Cyan (98%)
- Magenta (0%)
- Yellow (0%)
- Black (37%)



- Cyan (98%)
- Magenta (37%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04A0A0 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 04A0A0 by changing the saturation by 10% instead.

04A0A0

04A0A0

FFFFFF

008586

5ED7D7

006C6D

7DF4F3

005354

9BFFFF

003B3D

B9FFFF

002627

D7FFFF

000114

F5FFFF

000000

04A0A0

04A0A0

00A0A0

14A0A0

 24A0A0

 34A0A0

 44A0A0

 54A0A0

 64A0A0

 74A0A0

 84A0A0

 94A0A0

Harmonies

Analogous

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



479F80



04A0A0



009DBC

Triad

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



04A0A0



A881BB



B08953

Complementary

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



04A0A0



A00404

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.



C47E64



04A0A0



C3799F

Square

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



04A0A0



7E8DCB



CC7880



939353

Rectangle

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



04A0A0



3099C8



CC7880



B88557

Sweetspot

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



04A0A0



94D1D1



04A004



446969



E8E8E8



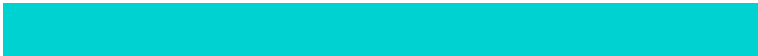
696969

Same Dimension

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



04A0A0



00D1D1



0452A0



474F4F



008F8F



000F0F

Inverse Universe

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



A004A0



D100D1



A05204



4F474F



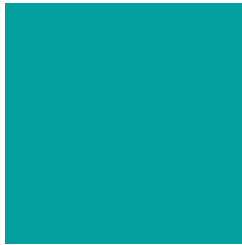
8F008F



0F000F

Previews

White Background



This preview shows how the Hex color 04A0A0 looks on a white background.

Color Contrast Check

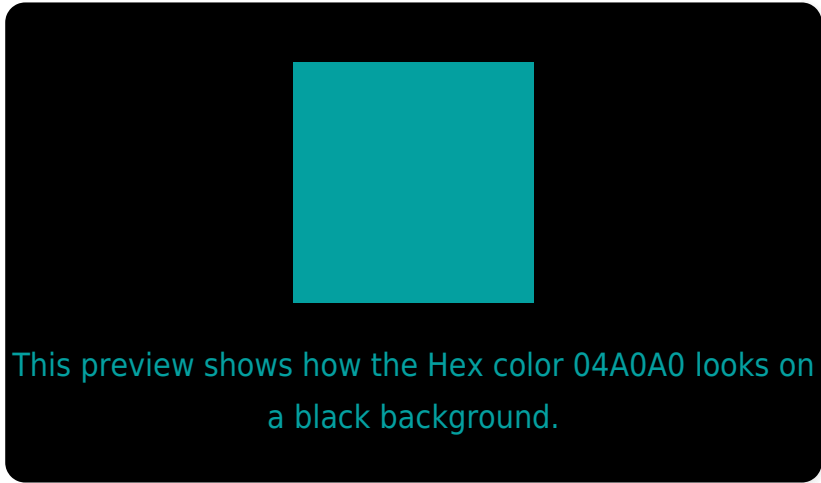
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

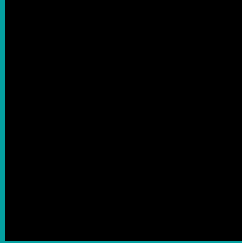
Any Text WCAG AA ✓ Pass

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 04A0A0 Background



This preview shows how black text looks on a background with the Hex color 04A0A0.

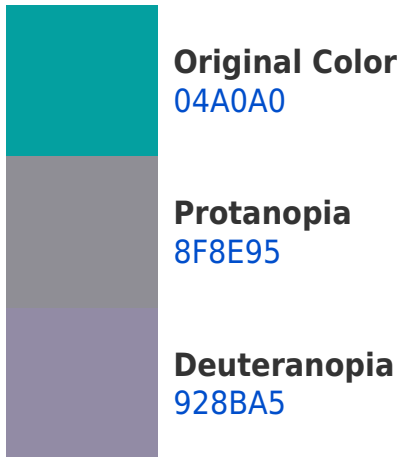


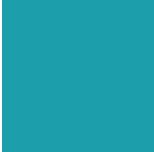
This preview shows how white text looks on a background with the Hex color 04A0A0.

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
1D9EAB

Trichromacy



Original Color
04A0A0



Protanomaly
5C9599



Deuteranomaly
5E93A3



Tritanomaly
149FA7

Monochromacy



Original Color
04A0A0



Achromatopsia
717171



Achromatomaly
498282

CSS Examples

Text

The CSS property to change the color of the text to Hex 04A0A0 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 #04A0A0 looks like.

```
.text, #text, p{  
    color:#04A0A0  
}
```

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 #04A0A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A0A0
}
```

Border

The CSS property to change the border of an element to Hex 04A0A0 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
#04A0A0 }
```

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

```
.border{ border-color:#04A0A0 }
```

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

Here you see how a box with a 4 pixel #04A0A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A0A0; -webkit-box-shadow:4px 4px  
4px 4px #04A0A0; box-shadow:4px 4px 4px  
4px #04A0A0 }
```

Background

The CSS property to change the background color of an element to Hex 04A0A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A0A0 }
```

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

```
.background{ background-color:#04A0A0 }
```

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