

Converting Colors

Hex(00A5A1)

Have a look what the booklet for
Hex(00A5A1) contains.

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Color

Hex(00A5A1)

Conversions

Conversions Part 1

Format	Color
Hex	00A5A1
RGB	0, 165, 161
RGB Percent	0%, 65%, 63%
CMY	1.0000, 0.3529, 0.3686
CMYK	1.00, 0.00, 0.02, 0.35
HSL	179°, 100%, 32%
HSV	179°, 100%, 65%
XYZ	19.8882, 29.4835, 38.3609
YIQ	115.2090, -97.0560, -36.2240

Conversions

Conversions Part 2

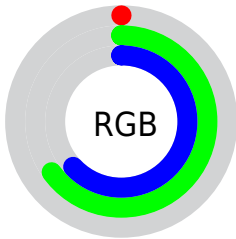
Format	Color
RYB	0, 84, 165
Decimal	42401
CIELab	61.21, -35.94, -8.14
CIELCh	61, 36.855, 192.763
Yxy	29.4835, 0.2267, 0.3361
Android (android.graphics.Color)	4278232481 (0xFF00A5A1)
YUV	115.2090, 22.5750, -101.0383
Hunter-Lab	54.2987, -29.6429, -3.8781

Details

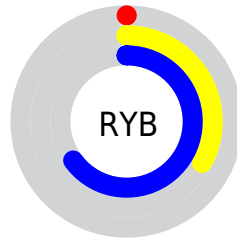
The Hex color **00A5A1** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A50004**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5EDDD8**, and **00706E** is the 20% darker color. If you saturate the color by 10%, you get **00A5A1**, and if you desaturate by 10%, it is **10A5A1**.

Distribution



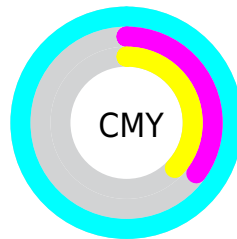
- Red (0%)
- Green (65%)
- Blue (63%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5A1 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 00A5A1 by changing the saturation by 10% instead.

 00A5A1

 00A5A1

FFFFFF

 008A87

 5EDDD8

 00706E

 7DF9F4

 005755

 9BFFFF

 003F3E

 BAF0FF

 002928

 D8FFFF

 000915

 F6FFFF

 000000

 00A5A1

 10A5A1

 21A5A2

 32A5A2

 42A5A3

 52A5A3

 63A5A3

 73A5A4

 84A5A4

 94A5A5

Harmonies

Analogous

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



4CA47F



00A5A1



00A3BF

Triad

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



00A5A1



A986C4



B98B56

Complementary

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



00A5A1



A50004

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.



CD8069



00A5A1



C77CA8

Square

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



00A5A1



7A92D3



D37A87



9B9653

Rectangle

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



00A5A1



1F9FCD



D37A87



C1875A

Sweetspot

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



00A5A1



96D6D5



05A500



456B6A



EBEBEB



6B6B6B

Same Dimension

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



00A5A1



00D6D1



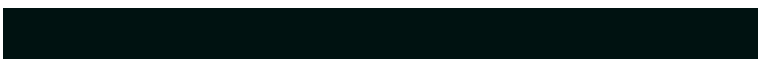
0058A5



495251



00918E



001211

Inverse Universe

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



A50004



D60005



A54D00



52494A



910004



120000

Previews

White Background



This preview shows how the Hex color 00A5A1 looks on a white background.

Color Contrast Check

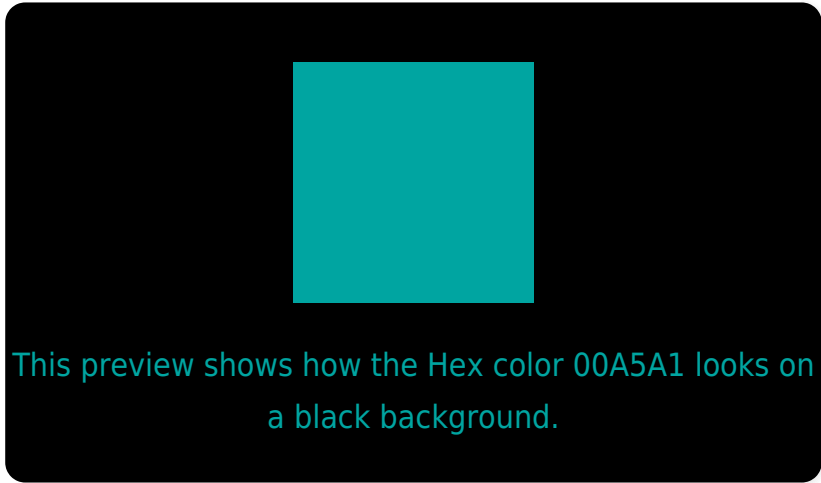
Large Text (above 18pt) WCAG AA ✓ Pass

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

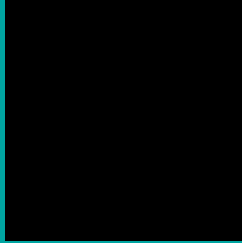
Any Text WCAG AA ✓ Pass

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 00A5A1 Background



This preview shows how black text looks on a background with the Hex color 00A5A1.

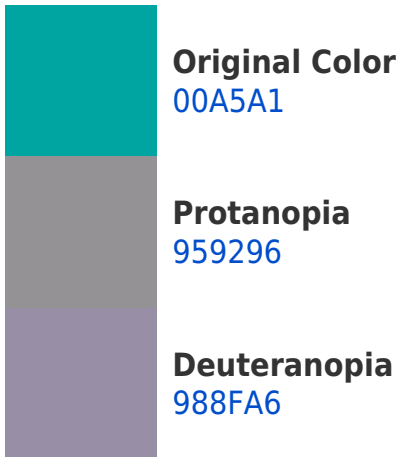


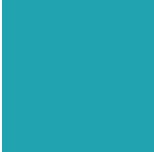
This preview shows how white text looks on a background with the Hex color 00A5A1.

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
21A3B0

Trichromacy



Original Color
00A5A1



Protanomaly
5F999A



Deuteranomaly
6197A4



Tritanomaly
15A4AB

Monochromacy



Original Color
00A5A1



Achromatopsia
737373



Achromatomaly
498584

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5A1 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 #00A5A1 looks like.

```
.text, #text, p{  
    color:#00A5A1  
}
```

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 #00A5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5A1
}
```

Border

The CSS property to change the border of an element to Hex 00A5A1 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
#00A5A1 }
```

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

```
.border{ border-color:#00A5A1 }
```

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

Here you see how a box with a 4 pixel #00A5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5A1; -webkit-box-shadow:4px 4px  
4px 4px #00A5A1; box-shadow:4px 4px 4px  
4px #00A5A1 }
```

Background

The CSS property to change the background color of an element to Hex 00A5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5A1 }
```

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

```
.background{ background-color:#00A5A1 }
```

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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