

Converting Colors

Hex(00A5A5)

Have a look what the booklet for
Hex(00A5A5) contains.

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Color

Hex(00A5A5)

Conversions

Conversions Part 1

Format	Color
Hex	00A5A5
RGB	0, 165, 165
RGB Percent	0%, 65%, 65%
CMY	1.0000, 0.3529, 0.3529
CMYK	1.00, 0.00, 0.00, 0.35
HSL	180°, 100%, 32%
HSV	180°, 100%, 65%
XYZ	20.2467, 29.6269, 40.2488
YIQ	115.6650, -98.3400, -34.9800

Conversions

Conversions Part 2

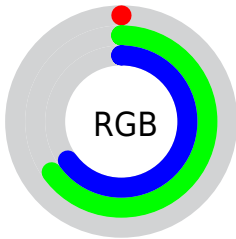
Format	Color
RYB	0, 83, 165
Decimal	42405
CIELab	61.33, -34.71, -10.21
CIELCh	61, 36.180, 196.386
Yxy	29.6269, 0.2247, 0.3287
Android (android.graphics.Color)	4278232485 (0xFF00A5A5)
YUV	115.6650, 24.3222, -101.4382
Hunter-Lab	54.4306, -28.8565, -5.7407

Details

The Hex color **00A5A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A50000**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5FDDDC**, and **007071** is the 20% darker color. If you saturate the color by 10%, you get **00A5A5**, and if you desaturate by 10%, it is **10A5A5**.

Distribution



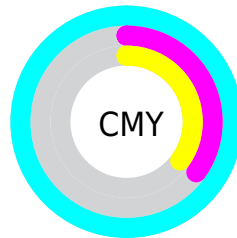
- Red (0%)
- Green (65%)
- Blue (65%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A5A5 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 00A5A5 by changing the saturation by 10% instead.

 00A5A5

 00A5A5

FFFFFF

 008A8B

 5FDDDC

 007071

 7EF9F8

 005759

 9CFFFF

 003F42

 BAF0FF

 00292B

 D9FFFF

 000A18

 F7FFFF

 000000

 00A5A5

 10A5A5

 21A5A5

 32A5A5

 42A5A5

 52A5A5

 63A5A5

 73A5A5

 84A5A5

 94A5A5

Harmonies

Analogous

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



49A484



00A5A5



00A2C1

Triad

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



00A5A5



AD85C0



B58D56

Complementary

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



00A5A5



A50000

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.



CB8267



00A5A5



C97CA4

Square

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



00A5A5



8291D1



D27B84



979855

Rectangle

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



00A5A5



309ECE



D27B84



BE895A

Sweetspot

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



00A5A5



96D6D6



00A500



456B6B



EBEBEB



6B6B6B

Same Dimension

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



00A5A5



00D6D6



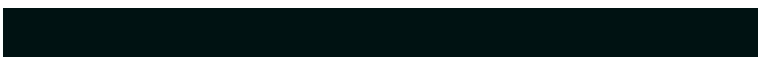
0052A5



495252



009191



001212

Inverse Universe

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



A500A5



D600D6



A55200



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 00A5A5 looks on a white background.

Color Contrast Check

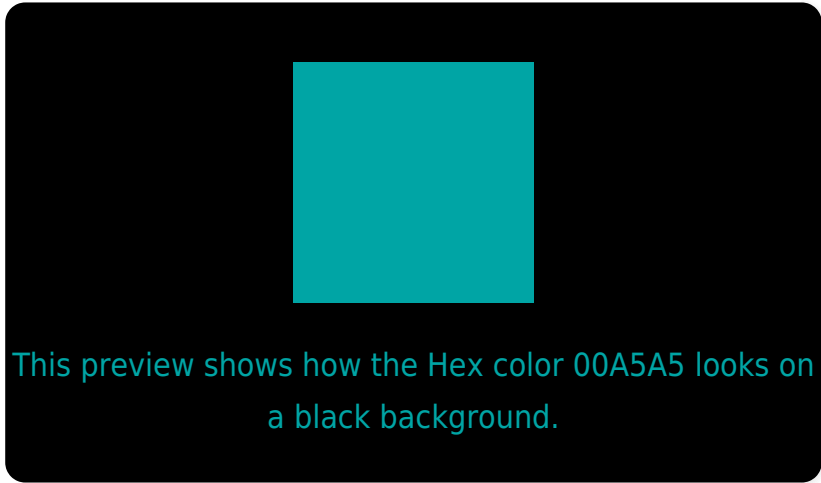
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A5A5 Background



This preview shows how black text looks on a background with the Hex color 00A5A5.

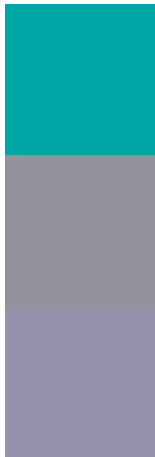


This preview shows how white text looks on a background with the Hex color 00A5A5.

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



Original Color
00A5A5

Protanopia
94929A

Deuteranopia
9790AA

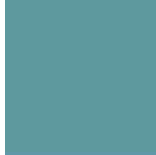


Tritanopia
1EA3B1

Trichromacy



Original Color
00A5A5



Protanomaly
5E999E



Deuteranomaly
6098A8



Tritanomaly
13A4AD

Monochromacy



Original Color
00A5A5



Achromatopsia
747474



Achromatomaly
4A8686

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A5A5 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 #00A5A5 looks like.

```
.text, #text, p{  
    color:#00A5A5  
}
```

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 #00A5A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A5A5
}
```

Border

The CSS property to change the border of an element to Hex 00A5A5 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
#00A5A5 }
```

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

```
.border{ border-color:#00A5A5 }
```

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

Here you see how a box with a 4 pixel #00A5A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A5A5; -webkit-box-shadow:4px 4px  
4px 4px #00A5A5; box-shadow:4px 4px 4px  
4px #00A5A5 }
```

Background

The CSS property to change the background color of an element to Hex 00A5A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A5A5 }
```

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

```
.background{ background-color:#00A5A5 }
```

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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