

Converting Colors

Hex(1AAAAC)

Have a look what the booklet for
Hex(1AAAAC) contains.

Hex(1AAAAC)	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(1AAAAC)

Conversions

Conversions Part 1

Format	Color
Hex	1AAAAC
RGB	26, 170, 172
RGB Percent	10%, 67%, 67%
CMY	0.8980, 0.3333, 0.3255
CMYK	0.85, 0.01, 0.00, 0.33
HSL	181°, 74%, 39%
HSV	181°, 85%, 67%
XYZ	22.2471, 31.9476, 44.0237
YIQ	127.1720, -86.4660, -29.9060

Conversions

Conversions Part 2

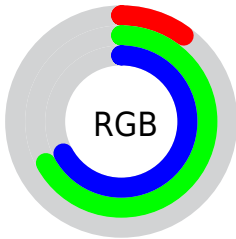
Format	Color
RYB	26, 98, 172
Decimal	1747628
CIELab	63.30, -33.67, -11.17
CIELCh	63, 35.472, 198.349
Yxy	31.9476, 0.2265, 0.3253
Android (android.graphics.Color)	4279937708 (0xFF1AAAAC)
YUV	127.1720, 22.1002, -88.7278
Hunter-Lab	56.5222, -28.6564, -6.6139

Details

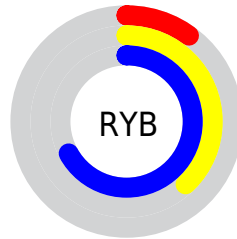
The Hex color **1AAAAC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AC1C1A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **67E2E3**, and **007578** is the 20% darker color. If you saturate the color by 10%, you get **09AAAC**, and if you desaturate by 10%, it is **2BAAAC**.

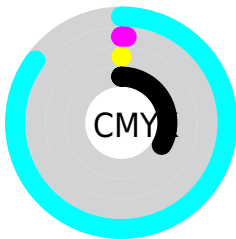
Distribution



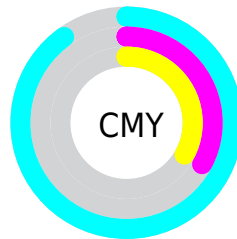
- Red (10%)
- Green (67%)
- Blue (67%)



- Red (10%)
- Yellow (38%)
- Blue (67%)



- Cyan (85%)
- Magenta (1%)
- Yellow (0%)
- Black (33%)



- Cyan (90%)
- Magenta (33%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AAAAC 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 1AAAAC by changing the saturation by 10% instead.

 1AAAAC

 1AAAAC

FFFFFF

 008F91

 67E2E3

 007578

 86FFFF

 005C5F

 A4FFFF

 004447

 C2FFFF

 002D31

 E0FFFF

 00151C

 000000

 1AAAAC

 1AAAAC

 09AAAC

 2BAAAC

■ 00AAAC

■ 3CAAAC

■ 4EABAC

■ 5FABAC

■ 70ABAC

■ 81ABAC

■ 92ACAC

■ A4ACAC

■ B5ACAC

Harmonies

Analogous

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



4DA98B



1AAAAC



16A7C7

Triad

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



1AAAAC



B58AC3



B9935B

Complementary

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



1AAAAC



AC1C1A

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.



CE886B



1AAAAC



CF82A7

Square

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



1AAAAC



8B96D5



D78187



9A9D5C

Rectangle

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



1AAAAC



41A3D3



D78187



C18F5F

Sweetspot

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



1AAAAC



A8E0E0



1AAC1A



4F7070



F0F0F0



707070

Same Dimension

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



1AAAAC



00DDE0



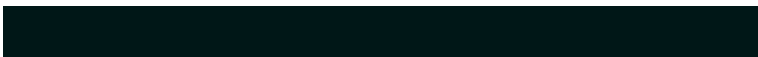
1A63AC



4E5757



009496



001717

Inverse Universe

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



AC1AAA



E00DD



AC631A



574E57



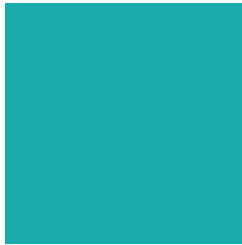
960094



170017

Previews

White Background



This preview shows how the Hex color 1AAAAC looks on a white background.

Color Contrast Check

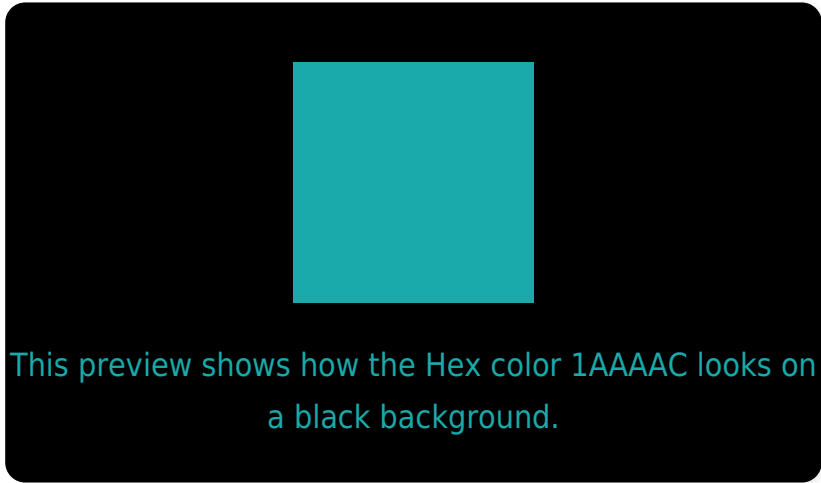
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

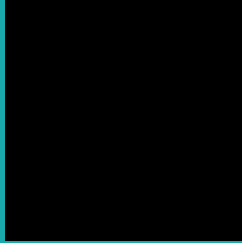
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

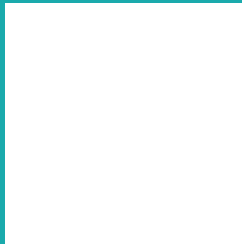
Any Text WCAG AAA ✓ Pass

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

Hex 1AAAAC Background



This preview shows how black text looks on a background with the Hex color 1AAAAC.

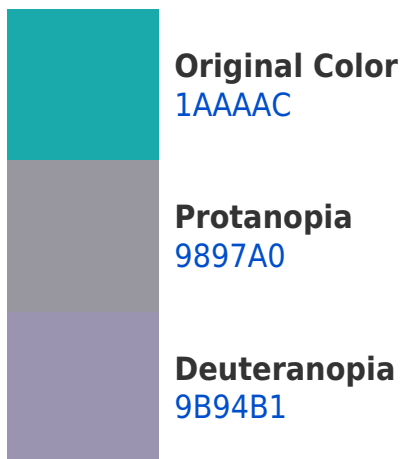


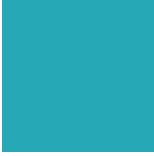
This preview shows how white text looks on a background with the Hex color 1AAAAC.

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
26A8B6

Trichromacy



Original Color
1AAAAC



Protanomaly
6A9EA4



Deuteranomaly
6C9CAF



Tritanomaly
22A9B2

Monochromacy



Original Color
1AAAAC



Achromatopsia
7F7F7F



Achromatomaly
5A8F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AAAAC 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 #1AAAAC looks like.

```
.text, #text, p{  
    color:#1AAAAC  
}
```

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 #1AAAAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AAAAC
}
```

Border

The CSS property to change the border of an element to Hex 1AAAAC 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
#1AAAAC }
```

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

```
.border{ border-color:#1AAAAC }
```

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

Here you see how a box with a 4 pixel #1AAAAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AAAAC; -webkit-box-shadow:4px 4px  
4px 4px #1AAAAC; box-shadow:4px 4px 4px  
4px #1AAAAC }
```

Background

The CSS property to change the background color of an element to Hex 1AAAAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AAAAC }
```

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

```
.background{ background-color:#1AAAAC }
```

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