

Converting Colors

Hex(1AA19A)

Have a look what the booklet for
Hex(1AA19A) contains.

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Color

Hex(1AA19A)

Conversions

Conversions Part 1

Format	Color
Hex	1AA19A
RGB	26, 161, 154
RGB Percent	10%, 63%, 60%
CMY	0.8980, 0.3686, 0.3961
CMYK	0.84, 0.00, 0.04, 0.37
HSL	177°, 72%, 37%
HSV	177°, 84%, 63%
XYZ	19.0036, 28.0424, 34.9830
YIQ	119.8370, -78.2130, -30.7970

Conversions

Conversions Part 2

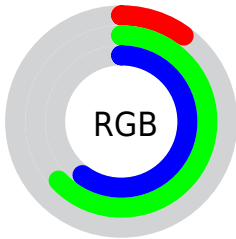
Format	Color
R_{YB}	26, 95, 161
Decimal	1745306
CIE _{Lab}	59.93, -34.90, -6.07
CIE _{LCh}	60, 35.424, 189.871
Yxy	28.0424, 0.2317, 0.3419
Android (android.graphics.Color)	4279935386 (0xFF1AA19A)
YUV	119.8370, 16.8424, -82.2950
Hunter-Lab	52.9551, -28.6145, -2.0993

Details

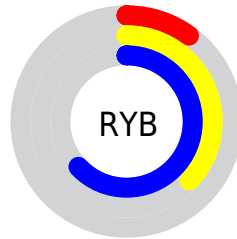
The Hex color **1AA19A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A11A21**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **63D8D0**, and **006D67** is the 20% darker color. If you saturate the color by 10%, you get **0AA199**, and if you desaturate by 10%, it is **2AA19B**.

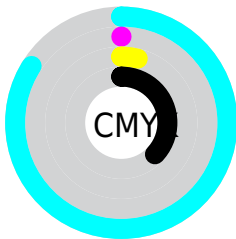
Distribution



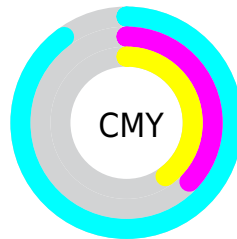
- Red (10%)
- Green (63%)
- Blue (60%)



- Red (10%)
- Yellow (37%)
- Blue (63%)



- Cyan (84%)
- Magenta (0%)
- Yellow (4%)
- Black (37%)



- Cyan (90%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AA19A 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 1AA19A by changing the saturation by 10% instead.

 1AA19A

 1AA19A

FFFFFF

 008680

 63D8D0

 006D67

 81F5ED

 00544F

 9FFFFFF

 003C38

 BFFFFFF

 002623

 DBFFFF

 00010E

 F9FFFF

 000000

 1AA19A

 1AA19A

 0AA199

 2AA19B

■ 00A199

■ 3AA19C

■ 4AA19D

■ 5AA19D

■ 6AA19E

■ 7BA19F

■ 8BA1A0

■ 9BA1A1

■ ABA1A2

Harmonies

Analogous

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



519F7A



1AA19A



009FB7

Triad

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



1AA19A



A184C0



B68756

Complementary

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



1AA19A



A11A21

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.



C87D6A



1AA19A



C07BA7

Square

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



1AA19A



7390CE



CD7887



9A9252

Rectangle

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



1AA19A



1E9CC6



CD7887



BE845B

Sweetspot

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



1AA19A



9DD1CE



23A11A



496967



E8E8E8



696969

Same Dimension

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



1AA19A



00D1C6



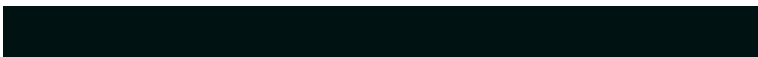
1A67A1



495251



00918A



001211

Inverse Universe

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



A11A21



D1000B



A1551A



52494A



910008



120001

Previews

White Background



This preview shows how the Hex color 1AA19A looks on a white background.

Color Contrast Check

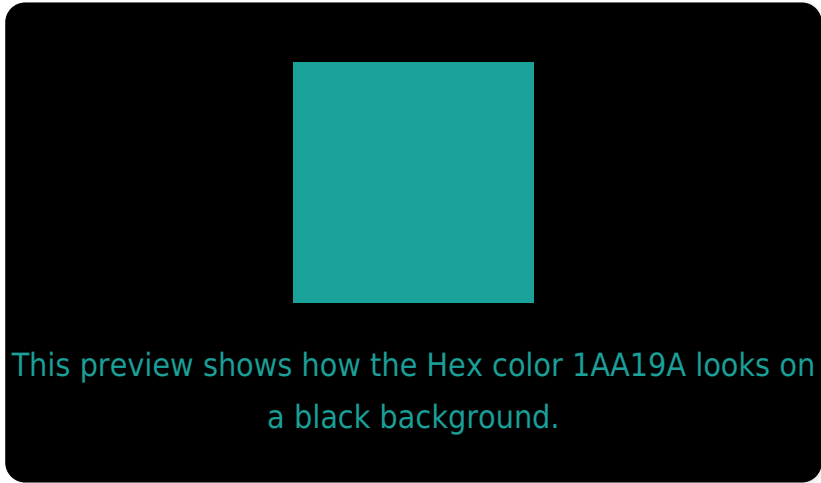
Large Text (above 18pt) WCAG AA ✓ Pass

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

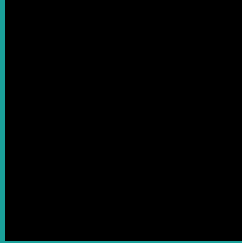
Any Text WCAG AA ✓ Pass

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 1AA19A Background



This preview shows how black text looks on a background with the Hex color 1AA19A.

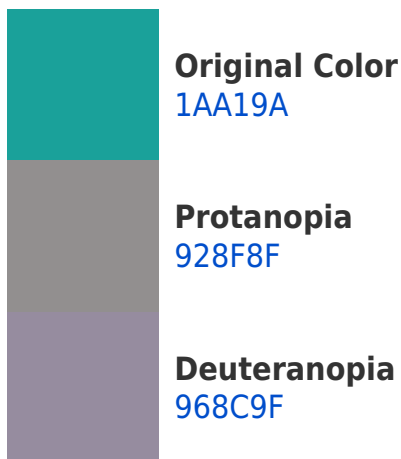


This preview shows how white text looks on a background with the Hex color 1AA19A.

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
2A9EAB

Trichromacy



Original Color
1AA19A



Protanomaly
669693



Deuteranomaly
69949D



Tritanomaly
249FA5

Monochromacy



Original Color
1AA19A



Achromatopsia
787878



Achromatomaly
568784

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AA19A 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 #1AA19A looks like.

```
.text, #text, p{  
    color:#1AA19A  
}
```

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 #1AA19A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA19A
}
```

Border

The CSS property to change the border of an element to Hex 1AA19A 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
#1AA19A }
```

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

```
.border{ border-color:#1AA19A }
```

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

Here you see how a box with a 4 pixel #1AA19A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA19A; -webkit-box-shadow:4px 4px  
4px 4px #1AA19A; box-shadow:4px 4px 4px  
4px #1AA19A }
```

Background

The CSS property to change the background color of an element to Hex 1AA19A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA19A }
```

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

```
.background{ background-color:#1AA19A }
```

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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