

Converting Colors

Hex(1AA28B)

Have a look what the booklet for
Hex(1AA28B) contains.

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Color

Hex(1AA28B)

Conversions

Conversions Part 1

Format	Color
Hex	1AA28B
RGB	26, 162, 139
RGB Percent	10%, 64%, 55%
CMY	0.8980, 0.3647, 0.4549
CMYK	0.84, 0.00, 0.14, 0.36
HSL	170°, 72%, 37%
HSV	170°, 84%, 64%
XYZ	18.0065, 27.9244, 28.8670
YIQ	118.7140, -73.6730, -35.9850

Conversions

Conversions Part 2

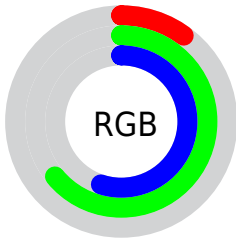
Format	Color
R _Y B	26, 100, 162
Decimal	1745547
CIE Lab	59.82, -39.65, 2.24
CIE LCh	60, 39.709, 176.763
Yxy	27.9244, 0.2407, 0.3733
Android (android.graphics.Color)	4279935627 (0xFF1AA28B)
YUV	118.7140, 10.0010, -81.3102
Hunter-Lab	52.8435, -31.6519, 4.6019

Details

The Hex color **1AA28B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A21A31**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **62DAC0**, and **006D59** is the 20% darker color. If you saturate the color by 10%, you get **0AA288**, and if you desaturate by 10%, it is **2AA28E**.

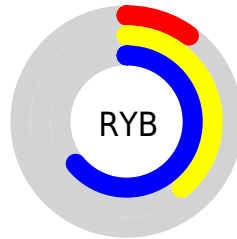
Distribution



Red (10%)

Green (64%)

Blue (55%)



Red (10%)

Yellow (39%)

Blue (64%)

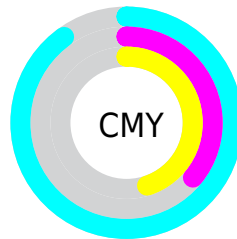


Cyan (84%)

Magenta (0%)

Yellow (14%)

Black (36%)



Cyan (90%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1AA28B 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 1AA28B by changing the saturation by 10% instead.



1AA28B



1AA28B

FFFFFF



008772



62DAC0



006D59



80F6DC



005442



9DFFF9



003C2C



BBFFFF



002717



D9FFFF



000000



F7FFFF



1AA28B



1AA28B



0AA288



2AA28E

■ 00A287

■ 3AA290

■ 4BA293

■ 5BA296

■ 6BA299

■ 7BA29B

■ 8BA29E

■ 9CA2A1

■ ACA2A4

Harmonies

Analogous

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



5C9F69



1AA28B



00A2AE

Triad

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



1AA28B



8E88CF



C48057

Complementary

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



1AA28B



A21A31

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.



D27673



1AA28B



B87CB7

Square

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



1AA28B



4F95D6



CF7495



A98D49

Rectangle

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



1AA28B



009FC2



CF7495



CA7C5F

Sweetspot

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



1AA28B



9FD4CB



33A21A



4B6B66



EBEBEB



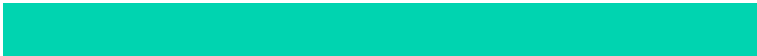
6B6B6B

Same Dimension

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



1AA28B



00D4B0



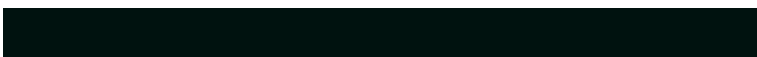
1A77A2



495250



009179



00120F

Inverse Universe

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



A21A31



D40024



A2451A



52494B



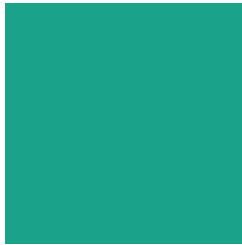
910019



120003

Previews

White Background



This preview shows how the Hex color 1AA28B looks on a white background.

Color Contrast Check

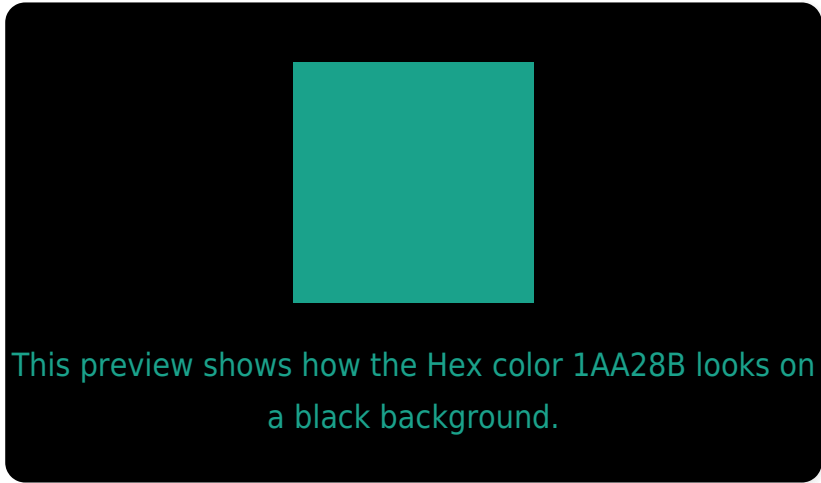
Large Text (above 18pt) WCAG AA ✓ Pass

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

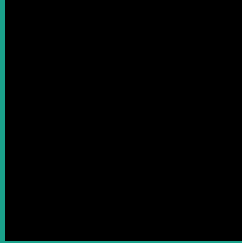
Any Text WCAG AA ✓ Pass

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 1AA28B Background



This preview shows how black text looks on a background with the Hex color 1AA28B.

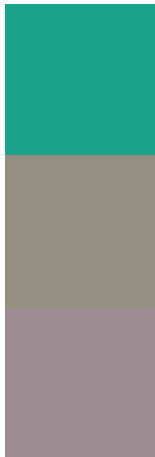


This preview shows how white text looks on a background with the Hex color 1AA28B.

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](#).

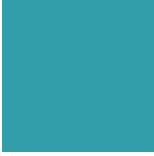
Dichromacy



Original Color
1AA28B

Protanopia
958F81

Deuteranopia
9C8B90



Tritanopia
329EAA

Trichromacy



Original Color
1AA28B



Protanomaly
689685



Deuteranomaly
6D938E



Tritanomaly
299F9F

Monochromacy



Original Color
1AA28B



Achromatopsia
777777



Achromatomaly
55877E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1AA28B 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 #1AA28B looks like.

```
.text, #text, p{  
    color:#1AA28B  
}
```

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 #1AA28B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1AA28B
}
```

Border

The CSS property to change the border of an element to Hex 1AA28B 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
#1AA28B }
```

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

```
.border{ border-color:#1AA28B }
```

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

Here you see how a box with a 4 pixel #1AA28B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1AA28B; -webkit-box-shadow:4px 4px  
4px 4px #1AA28B; box-shadow:4px 4px 4px  
4px #1AA28B }
```

Background

The CSS property to change the background color of an element to Hex 1AA28B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1AA28B }
```

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

```
.background{ background-color:#1AA28B }
```

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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