

Converting Colors

Hex(2AAAAB)

Have a look what the booklet for
Hex(2AAAAB) contains.

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Color

Hex(2AAAAB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2AAAAB |
| RGB | 42, 170, 171 |
| RGB Percent | 16%, 67%, 67% |
| CMY | 0.8353, 0.3333, 0.3294 |
| CMYK | 0.75, 0.01, 0.00, 0.33 |
| HSL | 180°, 61%, 42% |
| HSV | 180°, 75%, 67% |
| XYZ | 22.6803, 32.1820, 43.5444 |
| YIQ | 131.8420, -76.6090, -26.8250 |

Conversions

Conversions Part 2

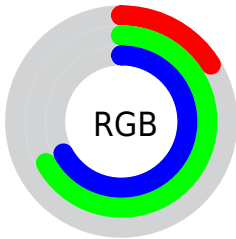
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 42, 106, 171 |
| Decimal | 2796203 |
| CIE Lab | 63.49, -32.52, -10.29 |
| CIE LCh | 63, 34.106, 197.568 |
| Yxy | 32.1820, 0.2305, 0.3270 |
| Android (android.graphics.Color) | 4280986283 (0xFF2AAAAB) |
| YUV | 131.8420, 19.3049, -78.7914 |
| Hunter-Lab | 56.7292, -27.9119, -5.7997 |




Details

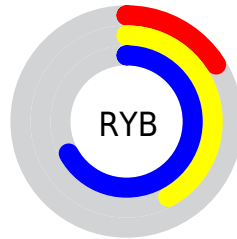
The Hex color **2AAAAB** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AB2B2A**, and the grayscale version is **848484**.




A 20% lighter version of the original color is **6EE2E2**, and **007577** is the 20% darker color. If you saturate the color by 10%, you get **19AAAB**, and if you desaturate by 10%, it is **3BAAAB**.

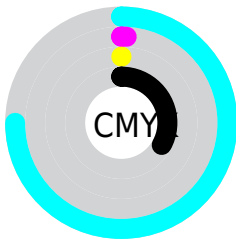
Distribution







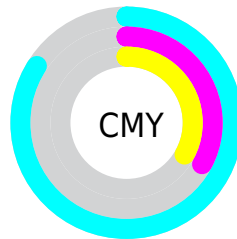
-  Red (16%)
-  Green (67%)
-  Blue (67%)






-  Red (16%)
-  Yellow (42%)
-  Blue (67%)



-  Cyan (75%)
-  Magenta (1%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (84%)
-  Magenta (33%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AAAAB 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 2AAAAB by changing the saturation by 10% instead.

 2AAAAB

 2AAAAB

FFFFFF

 008F91

 6EE2E2

 007577

 8CFFFF

 005C5E

 AAFFFF

 004447

 C8FFFF

 002D30

 E6FFFF

 00151C

 000000

 2AAAAB

 2AAAAB

 19AAAB

 3BAAAB

08AAAB

4CAAAB

00AAAB

5DAAAB

6EABAB

7FABAB

91ABAB

A2ABAB

B3ABAB

C4ABAB

Harmonies

Analogous

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



53A98C



2AAAAB



27A7C6

Triad

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



2AAAAB



B38CC3



B9945E

Complementary

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



2AAAAB



AB2B2A

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.



CE896E



2AAAAB



CD84A8

Square

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



2AAAAB



8B97D3



D58389



9C9E5F

Rectangle

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



2AAAAB



47A3D1



D58389



C19062

Sweetspot

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



2AAAAB



ABDDDE



2AAB2A



517070



F0F0F0



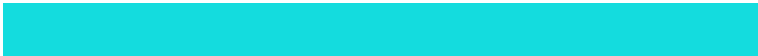
707070

Same Dimension

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



2AAAAB



14DCDE



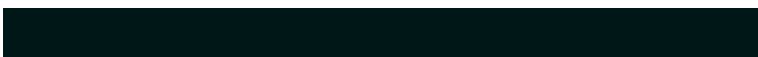
2A6AAB



4E5757



009596



001717

Inverse Universe

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



AB2AAA



DE14DC



AB6A2A



574E57



960095



170017

Previews

White Background



This preview shows how the Hex color 2AAAAB 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



This preview shows how the Hex color 2AAAAB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

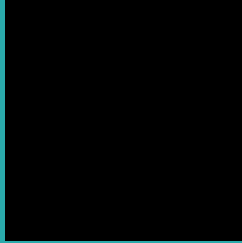
Any Text WCAG AA ✓ Pass

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 2AAAAB Background



This preview shows how black text looks on a background with the Hex color 2AAAAB.

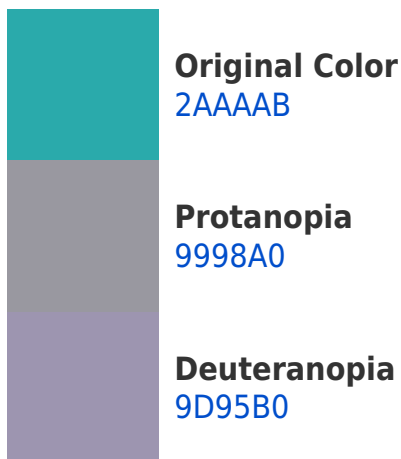


This preview shows how white text looks on a background with the Hex color 2AAAAB.

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
32A8B6

Trichromacy



Original Color

2AAAAB



Protanomaly

719FA4



Deuteranomaly

739DAE



Tritanomaly

2FA9B2

Monochromacy



Original Color

2AAAAB



Achromatopsia

848484



Achromatomaly

639292

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AAAAB 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 #2AAAAB looks like.

```
.text, #text, p{  
    color:#2AAAAB  
}
```

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 #2AAAAB colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 2AAAAB 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
#2AAAAB }
```

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

```
.border{ border-color:#2AAAAB }
```

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

Here you see how a box with a 4 pixel #2AAAAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AAAAB; -webkit-box-shadow:4px 4px  
4px 4px #2AAAAB; box-shadow:4px 4px 4px  
4px #2AAAAB }
```

Background

The CSS property to change the background color of an element to Hex 2AAAAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AAAAB }
```

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

```
.background{ background-color:#2AAAAB }
```

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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