

Converting Colors

Hex(4AD2B8)

Have a look what the booklet for
Hex(4AD2B8) contains.

Hex(4AD2B8)	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(4AD2B8)

Conversions

Conversions Part 1

Format	Color
Hex	4AD2B8
RGB	74, 210, 184
RGB Percent	29%, 82%, 72%
CMY	0.7098, 0.1765, 0.2784
CMYK	0.65, 0.00, 0.12, 0.18
HSL	169°, 60%, 56%
HSV	169°, 65%, 82%
XYZ	34.5224, 51.0097, 53.3737
YIQ	166.3720, -72.7100, -36.9180

Conversions

Conversions Part 2

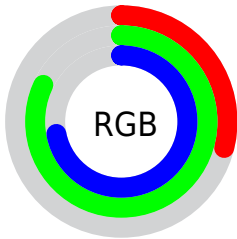
Format	Color
RYB	74, 149, 210
Decimal	4903608
CIELab	76.68, -42.76, 2.11
CIElCh	77, 42.811, 177.180
Yxy	51.0097, 0.2485, 0.3672
Android (android.graphics.Color)	4283093688 (0xFF4AD2B8)
YUV	166.3720, 8.6906, -81.0102
Hunter-Lab	71.4211, -38.7065, 5.6867

Details

The Hex color **4AD2B8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **D24A64**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **89FFF0**, and **009B83** is the 20% darker color. If you saturate the color by 10%, you get **35D2B4**, and if you desaturate by 10%, it is **5FD2BC**.

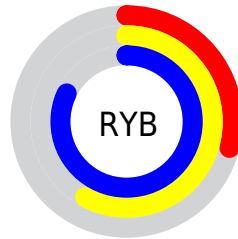
Distribution



Red (29%)

Green (82%)

Blue (72%)



Red (29%)

Yellow (58%)

Blue (82%)

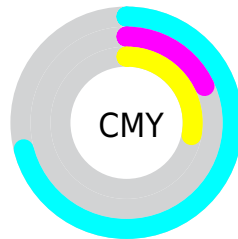


Cyan (65%)

Magenta (0%)

Yellow (12%)

Black (18%)



Cyan (71%)

Magenta (18%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4AD2B8 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 4AD2B8 by changing the saturation by 10% instead.

 4AD2B8

 4AD2B8

FFFFFF

 21B69D

 89FFF0

 009B83

 A7FFFF

 00806A

 C5FFFF

 006652

 E4FFFF

 004D3B

 003525

 002011

 000000

 4AD2B8

 4AD2B8

 35D2B4

 5FD2BC

 20D2B0

 74D2C0

 0BD2AC

 89D2C4

 00D2AA

 9ED2C8

 B3D2CC

 C8D2D0

 DDD2D4

 F2D2D8

 FFD2DC

Harmonies

Analogous

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



83CE91



4AD2B8



00D2E0

Triad

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



4AD2B8



BCB4FF



F9AC7C

Complementary

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



4AD2B8



D24A64

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.



FFA19B



4AD2B8



ECA6E9

Square

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



4AD2B8



7BC2FF



FF9EC3



DABA6D

Rectangle

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



4AD2B8



00CFF6



FF9EC3



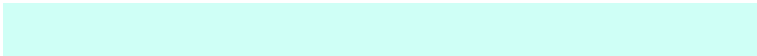
FFA785

Sweetspot

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



4AD2B8



CFFFF6



65D24A



62807A



000000



808080

Same Dimension

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



4AD2B8



38FFD9



4AA9D2



5E6967



00A888



002921

Inverse Universe

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



D24A64



FF385E



D2734A



695E60



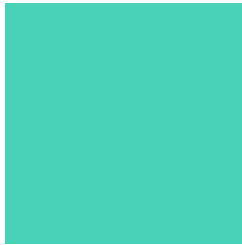
A80020



290008

Previews

White Background



This preview shows how the Hex color 4AD2B8 looks on a white background.

Color Contrast Check

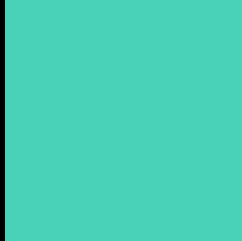
Large Text (above 18pt) WCAG AA × Fail

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 4AD2B8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

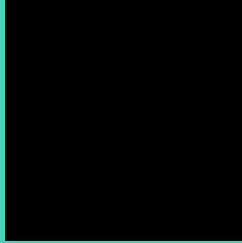
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

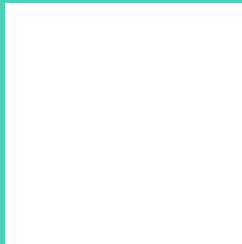
Any Text WCAG AAA ✓ Pass

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

Hex 4AD2B8 Background



This preview shows how black text looks on a background with the Hex color 4AD2B8.

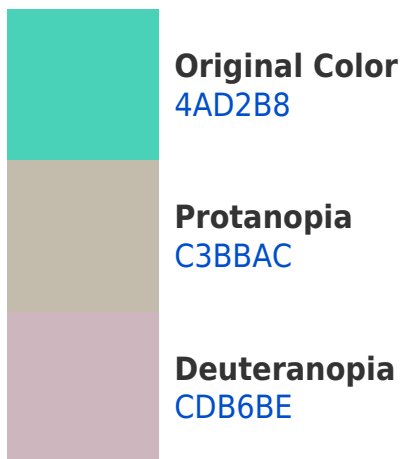


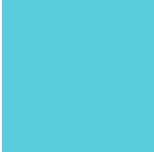
This preview shows how white text looks on a background with the Hex color 4AD2B8.

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

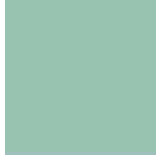




Trichromacy



Original Color
4AD2B8



Protanomaly
97C3B0



Deuteranomaly
9DC0BC

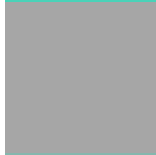


Tritanomaly
54CFD0

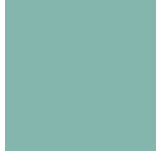
Monochromacy



Original Color
4AD2B8



Achromatopsia
A6A6A6



Achromatomaly
85B6AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AD2B8 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 #4AD2B8 looks like.

```
.text, #text, p{  
    color:#4AD2B8  
}
```

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 #4AD2B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AD2B8
}
```

Border

The CSS property to change the border of an element to Hex 4AD2B8 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
#4AD2B8 }
```

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

```
.border{ border-color:#4AD2B8 }
```

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

Here you see how a box with a 4 pixel #4AD2B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AD2B8; -webkit-box-shadow:4px 4px  
4px 4px #4AD2B8; box-shadow:4px 4px 4px  
4px #4AD2B8 }
```

Background

The CSS property to change the background color of an element to Hex 4AD2B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AD2B8 }
```

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

```
.background{ background-color:#4AD2B8 }
```

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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