

Converting Colors

Hex(4AB784)

Have a look what the booklet for
Hex(4AB784) contains.

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Color

Hex(4AB784)

Conversions

Conversions Part 1

Format	Color
Hex	4AB784
RGB	74, 183, 132
RGB Percent	29%, 72%, 52%
CMY	0.7098, 0.2824, 0.4824
CMYK	0.60, 0.00, 0.28, 0.28
HSL	152°, 43%, 50%
HSV	152°, 60%, 72%
XYZ	23.9224, 36.9888, 27.7085
YIQ	144.5950, -48.5930, -38.9690

Conversions

Conversions Part 2

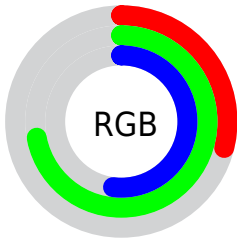
Format	Color
RYB	74, 145, 183
Decimal	4896644
CIELab	67.27, -43.23, 16.83
CIELCh	67, 46.387, 158.732
Yxy	36.9888, 0.2699, 0.4174
Android (android.graphics.Color)	4283086724 (0xFF4AB784)
YUV	144.5950, -6.2093, -61.9118
Hunter-Lab	60.8184, -36.2208, 15.5607

Details

The Hex color **4AB784** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B74A7D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **84F0B9**, and **008152** is the 20% darker color. If you saturate the color by 10%, you get **38B77B**, and if you desaturate by 10%, it is **5CB78D**.

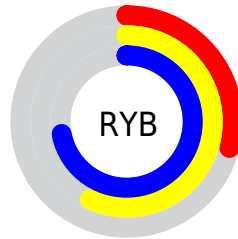
Distribution



Red (29%)

Green (72%)

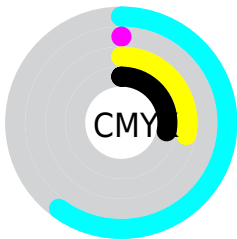
Blue (52%)



Red (29%)

Yellow (57%)

Blue (72%)

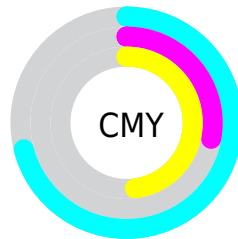


Cyan (60%)

Magenta (0%)

Yellow (28%)

Black (28%)



Cyan (71%)

Magenta (28%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AB784 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 4AB784 by changing the saturation by 10% instead.

 4AB784

 4AB784

FFFFFF

 299C6B

 84F0B9

 008152

 A1FFD5

 00673B

 BEFFF1

 004E25

 DBFFFF

 003610

 F9FFFF

 002100

 000000

 4AB784

 4AB784

 38B77B

 5CB78D

 25B773

 6FB795

 13B76A

 81B79E

 01B762

 93B7A6

 00B761

 A6B7AF

 B8B7B7

 CAB7C0

 DCB7C8

 EFB7D1

Harmonies

Analogous

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



84B060



4AB784



00B9AF

Triad

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



4AB784



75A4F6



ED8872

Complementary

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



4AB784



B74A7D

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.



F38199



4AB784



B794E5

Square

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



4AB784



00B0F1



E186C3



D69756

Rectangle

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



4AB784



00B8CB



E186C3



F1857E

Sweetspot

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



4AB784



C2EDD9



7FB74A



5D786C



F7F7F7



787878

Same Dimension

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



4AB784



45ED9E



4AB5B7



535C58



009C53



001C0F

Inverse Universe

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



B74A7D



ED4594



B74C4A



5C5357



9C0049



1C000D

Previews

White Background



This preview shows how the Hex color 4AB784 looks on a white background.

Color Contrast Check

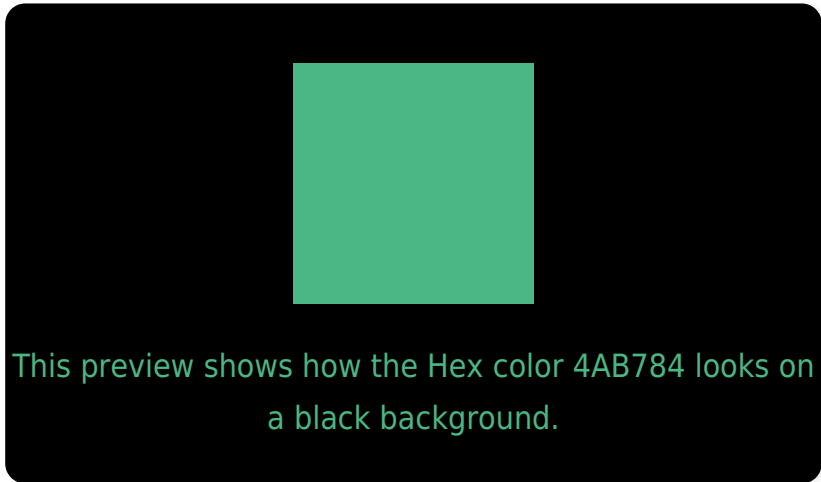
Large Text (above 18pt) WCAG AA × Fail

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

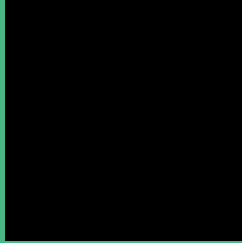
Any Text WCAG AA ✓ Pass

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 4AB784 Background



This preview shows how black text looks on a background with the Hex color 4AB784.



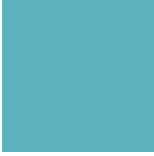
This preview shows how white text looks on a background with the Hex color 4AB784.

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
5DB0BE

Trichromacy



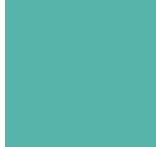
Original Color
4AB784



Protanomaly
8AAA7E



Deuteranomaly
92A688



Tritanomaly
56B3A9

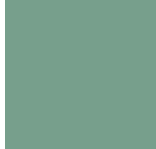
Monochromacy



Original Color
4AB784



Achromatopsia
919191



Achromatomaly
779F8C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AB784 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 #4AB784 looks like.

```
.text, #text, p{  
    color:#4AB784  
}
```

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 #4AB784 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB784
}
```

Border

The CSS property to change the border of an element to Hex 4AB784 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
#4AB784 }
```

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

```
.border{ border-color:#4AB784 }
```

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

Here you see how a box with a 4 pixel #4AB784 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB784; -webkit-box-shadow:4px 4px  
4px 4px #4AB784; box-shadow:4px 4px 4px  
4px #4AB784 }
```

Background

The CSS property to change the background color of an element to Hex 4AB784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB784 }
```

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

```
.background{ background-color:#4AB784 }
```

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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