

Converting Colors

Hex(4AB786)

Have a look what the booklet for
Hex(4AB786) contains.

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Color

Hex(4AB786)

Conversions

Conversions Part 1

Format	Color
Hex	4AB786
RGB	74, 183, 134
RGB Percent	29%, 72%, 53%
CMY	0.7098, 0.2824, 0.4745
CMYK	0.60, 0.00, 0.27, 0.28
HSL	153°, 43%, 50%
HSV	153°, 60%, 72%
XYZ	24.0606, 37.0440, 28.4363
YIQ	144.8230, -49.2350, -38.3470

Conversions

Conversions Part 2

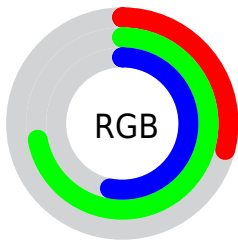
Format	Color
RYB	74, 144, 183
Decimal	4896646
CIELab	67.31, -42.80, 15.80
CIELCh	67, 45.622, 159.741
Yxy	37.0440, 0.2687, 0.4137
Android (android.graphics.Color)	4283086726 (0xFF4AB786)
YUV	144.8230, -5.3357, -62.1118
Hunter-Lab	60.8638, -35.9473, 14.9036

Details

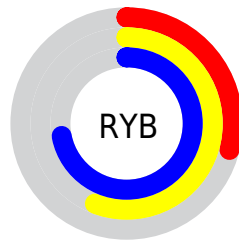
The Hex color **4AB786** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B74A7B**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **84F0BB**, and **008154** is the 20% darker color. If you saturate the color by 10%, you get **38B77E**, and if you desaturate by 10%, it is **5CB78E**.

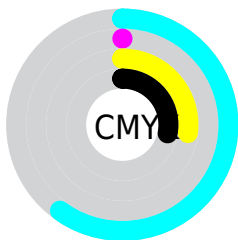
Distribution



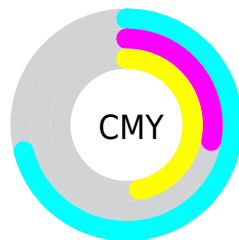
- Red (29%)
- Green (72%)
- Blue (53%)



- Red (29%)
- Yellow (56%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (27%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4AB786 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 4AB786 by changing the saturation by 10% instead.

 4AB786

 4AB786

FFFFFF

 299C6D

 84F0BB

 008154

 A1FFD7

 00673D

 BEFFF4

 004E27

 DBFFFF

 003612

 F9FFFF

 002100

 000000

 4AB786

 4AB786

 38B77E

 5CB78E

 25B776

 6FB796

 13B76D

 81B79F

 01B765

 93B7A7

 00B765

 A6B7AF

 B8B7B7

 CAB7C0

 DCB7C8

 EFB7D0

Harmonies

Analogous

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



83B163



4AB786



00B9B0

Triad

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



4AB786



79A4F5



EC8971

Complementary

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



4AB786



B74A7B

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.



F28298



4AB786



B994E3

Square

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



4AB786



00B0F0



E186C1



D49857

Rectangle

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



4AB786



00B8CB



E186C1



F0867D

Sweetspot

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



4AB786



C2EDDA



7BB74A



5D786C



F7F7F7



787878

Same Dimension

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



4AB786



45EDA1



4AB2B7



535C58



009C56



001C0F

Inverse Universe

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



B74A7B



ED4590



B74F4A



5C5357



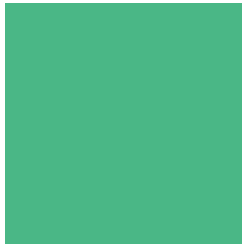
9C0046



1C000D

Previews

White Background



This preview shows how the Hex color 4AB786 looks on a white background.

Color Contrast Check

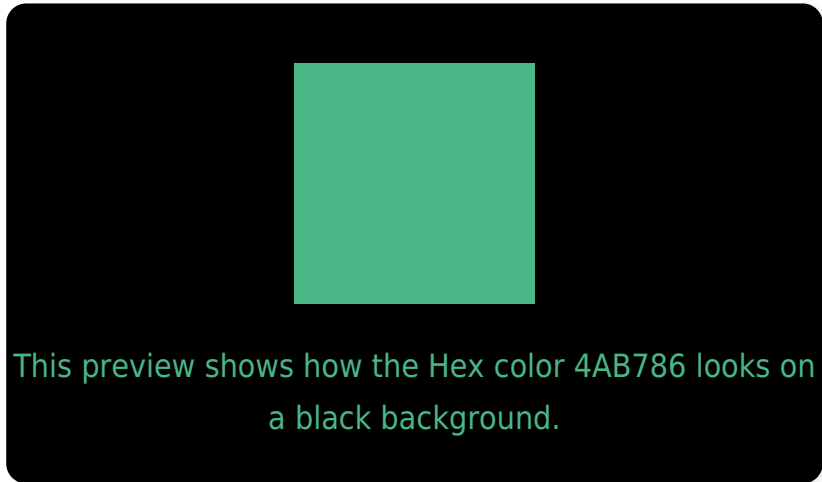
Large Text (above 18pt) WCAG AA × Fail

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

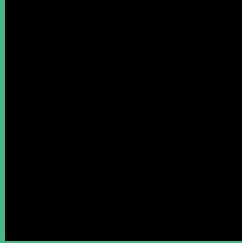
Any Text WCAG AA ✓ Pass

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 4AB786 Background



This preview shows how black text looks on a background with the Hex color 4AB786.

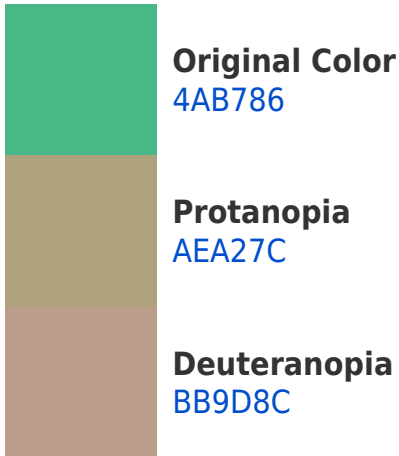


This preview shows how white text looks on a background with the Hex color 4AB786.

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
5CB0BE

Trichromacy



Original Color
4AB786



Protanomaly
8AAA80



Deuteranomaly
92A68A



Tritanomaly
55B3AA

Monochromacy



Original Color
4AB786



Achromatopsia
919191



Achromatomaly
779F8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4AB786 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 #4AB786 looks like.

```
.text, #text, p{  
    color:#4AB786  
}
```

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 #4AB786 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AB786
}
```

Border

The CSS property to change the border of an element to Hex 4AB786 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
#4AB786 }
```

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

```
.border{ border-color:#4AB786 }
```

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

Here you see how a box with a 4 pixel #4AB786 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AB786; -webkit-box-shadow:4px 4px  
4px 4px #4AB786; box-shadow:4px 4px 4px  
4px #4AB786 }
```

Background

The CSS property to change the background color of an element to Hex 4AB786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AB786 }
```

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

```
.background{ background-color:#4AB786 }
```

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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