

Converting Colors

Hex(4ABC81)

Have a look what the booklet for
Hex(4ABC81) contains.

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Color

Hex(4ABC81)

Conversions

Conversions Part 1

Format	Color
Hex	4ABC81
RGB	74, 188, 129
RGB Percent	29%, 74%, 51%
CMY	0.7098, 0.2627, 0.4941
CMYK	0.61, 0.00, 0.31, 0.26
HSL	149°, 46%, 51%
HSV	149°, 61%, 74%
XYZ	24.7697, 39.0073, 26.9925
YIQ	147.1880, -49.0050, -42.5170

Conversions

Conversions Part 2

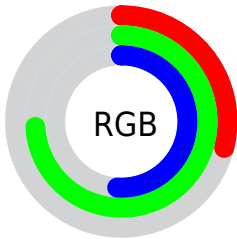
Format	Color
RYB	74, 151, 188
Decimal	4897921
CIELab	68.76, -45.96, 20.49
CIELCh	69, 50.319, 155.967
Yxy	39.0073, 0.2729, 0.4297
Android (android.graphics.Color)	4283088001 (0xFF4ABC81)
YUV	147.1880, -8.9667, -64.1859
Hunter-Lab	62.4558, -38.5053, 18.0947

Details

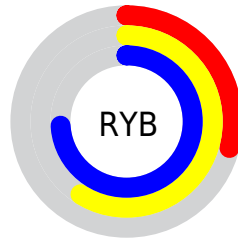
The Hex color **4ABC81** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BC4A85**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85F5B6**, and **00864F** is the 20% darker color. If you saturate the color by 10%, you get **37BC77**, and if you desaturate by 10%, it is **5DBC8B**.

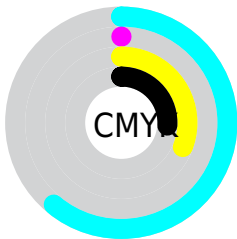
Distribution



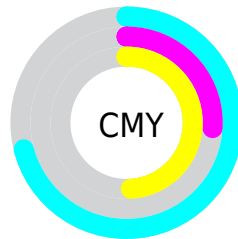
- Red (29%)
- Green (74%)
- Blue (51%)



- Red (29%)
- Yellow (59%)
- Blue (74%)



- Cyan (61%)
- Magenta (0%)
- Yellow (31%)
- Black (26%)



- Cyan (71%)
- Magenta (26%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ABC81 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 4ABC81 by changing the saturation by 10% instead.

 4ABC81

 4ABC81

FFFFFF

 29A068

 85F5B6

 00864F

 A1FFD2

 006C38

 BFFFEE

 005222

 DCFFFF

 003A0C

 FAFFFF

 002500

 000000

 4ABC81

 4ABC81

 37BC77

 5DBC8B

 24BC6E

 70BC94

 12BC64

 82BC9E

 00BC5B

 95BCA8

 A8BCB2

 BBBCBB

 CEBCC5

 E0BCCF

 F3BCD9

Harmonies

Analogous

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



8AB55B



4ABC81



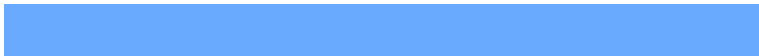
00BF80

Triad

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



4ABC81



69AAFF



F88875

Complementary

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



4ABC81



BC4A85

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.



FC81A0



4ABC81



B798F2

Square

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



4ABC81



00B6FA



E788CE



E09854

Rectangle

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



4ABC81



00BECE



E788CE



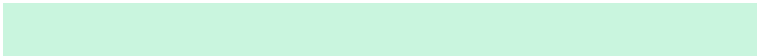
FC8482

Sweetspot

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



4ABC81



C9F5DE



87BC4A



5F7A6C



FAFAFA



7A7A7A

Same Dimension

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



4ABC81



42F598



4ABCB8



555E59



009E4C



001F0F

Inverse Universe

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



BC4A85



F5429F



BC4A4E



5E555A



9E0052



1F0010

Previews

White Background



This preview shows how the Hex color 4ABC81 looks on a white background.

Color Contrast Check

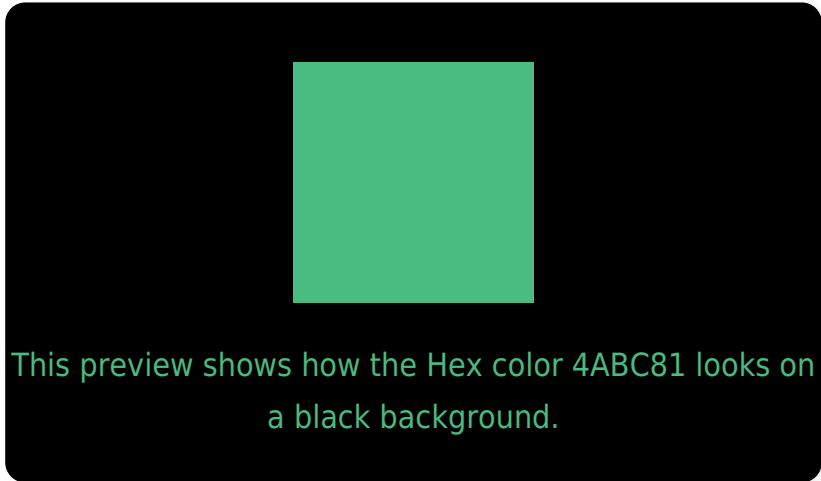
Large Text (above 18pt) WCAG AA × Fail

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

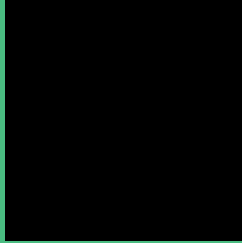
Any Text WCAG AA ✓ Pass

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 4ABC81 Background



This preview shows how black text looks on a background with the Hex color 4ABC81.

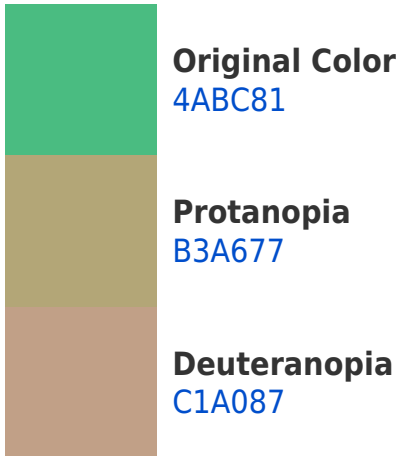


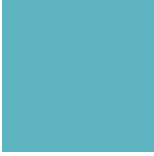
This preview shows how white text looks on a background with the Hex color 4ABC81.

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](#).

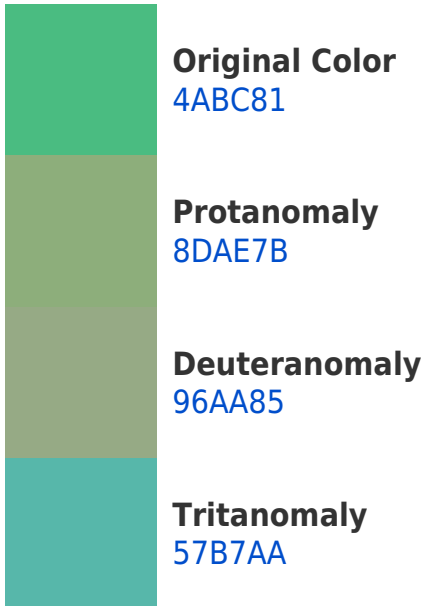
Dichromacy



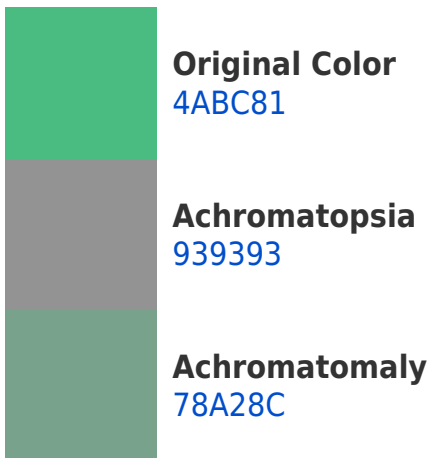


Tritanopia
5FB4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ABC81 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 #4ABC81 looks like.

```
.text, #text, p{  
    color:#4ABC81  
}
```

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 #4ABC81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ABC81
}
```

Border

The CSS property to change the border of an element to Hex 4ABC81 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
#4ABC81 }
```

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

```
.border{ border-color:#4ABC81 }
```

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

Here you see how a box with a 4 pixel #4ABC81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ABC81; -webkit-box-shadow:4px 4px  
4px 4px #4ABC81; box-shadow:4px 4px 4px  
4px #4ABC81 }
```

Background

The CSS property to change the background color of an element to Hex 4ABC81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ABC81 }
```

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

```
.background{ background-color:#4ABC81 }
```

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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