

Converting Colors

Hex(49B87C)

Have a look what the booklet for
Hex(49B87C) contains.

Hex(49B87C)	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(49B87C)

Conversions

Conversions Part 1

Format	Color
Hex	49B87C
RGB	73, 184, 124
RGB Percent	29%, 72%, 49%
CMY	0.7137, 0.2784, 0.5137
CMYK	0.60, 0.00, 0.33, 0.28
HSL	148°, 44%, 50%
HSV	148°, 60%, 72%
XYZ	23.5262, 37.1527, 25.0000
YIQ	143.9710, -46.8960, -42.1920

Conversions

Conversions Part 2

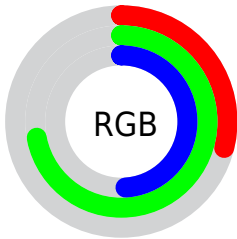
Format	Color
RYB	73, 149, 184
Decimal	4831356
CIELab	67.39, -45.51, 21.31
CIElCh	67, 50.252, 154.908
Yxy	37.1527, 0.2746, 0.4336
Android (android.graphics.Color)	4283021436 (0xFF49B87C)
YUV	143.9710, -9.8457, -62.2416
Hunter-Lab	60.9530, -37.7715, 18.3492

Details

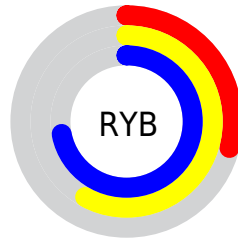
The Hex color **49B87C** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B84985**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **83F1B1**, and **00824B** is the 20% darker color. If you saturate the color by 10%, you get **37B872**, and if you desaturate by 10%, it is **5BB886**.

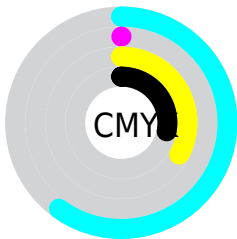
Distribution



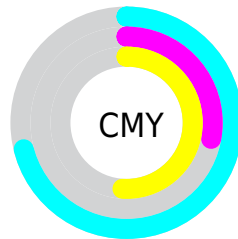
- Red (29%)
- Green (72%)
- Blue (49%)



- Red (29%)
- Yellow (58%)
- Blue (72%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (28%)



- Cyan (71%)
- Magenta (28%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49B87C 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 49B87C by changing the saturation by 10% instead.

 49B87C

 49B87C

FFFFFF

 289D63

 83F1B1

 00824B

 A0FFCC

 006833

 BDFFE9

 004F1D

 DAFFFF

 003706

 F8FFFF

 002100

 000000

 49B87C

 49B87C

 37B872

 5BB886

 24B868

 6EB890

 12B85E

 80B89A

 00B855

 93B8A4

 A5B8AE

 B7B8B8

 CAB8C2

 DCB8CC

 EFB8D6

Harmonies

Analogous

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



88B057



49B87C



00BBAA

Triad

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



49B87C



61A6FE



F58473

Complementary

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



49B87C



B84985

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.



F87D9E



49B87C



B195EF

Square

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



49B87C



00B3F5



E285CB



DD9452

Rectangle

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



49B87C



00BBC9



E285CB



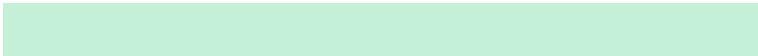
F88180

Sweetspot

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



49B87C



C5F0D8



86B849



5D786A



F7F7F7



787878

Same Dimension

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



49B87C



43F092



49B8B2



535C57



009C47



001C0D

Inverse Universe

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



B84985



F043A0



B8494F



5C5358



9C0054



1C000F

Previews

White Background



This preview shows how the Hex color 49B87C looks on a white background.

Color Contrast Check

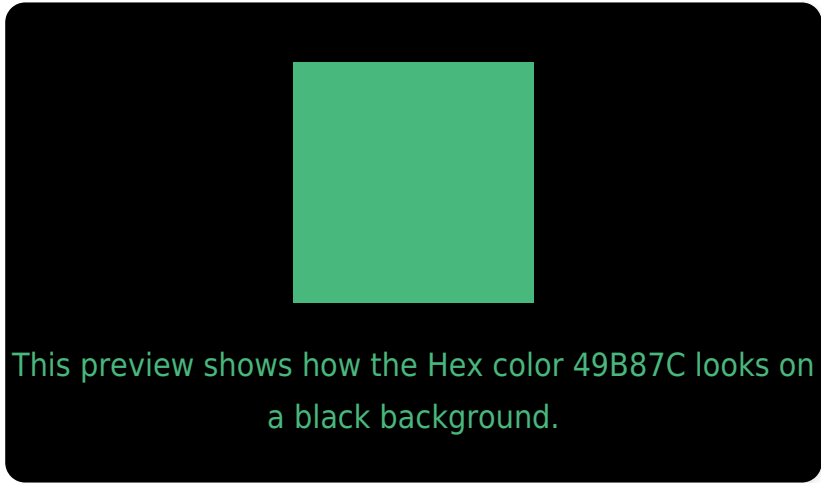
Large Text (above 18pt) WCAG AA × Fail

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 49B87C Background



This preview shows how black text looks on a background with the Hex color 49B87C.

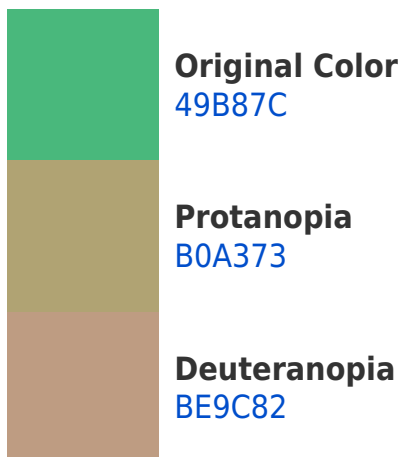


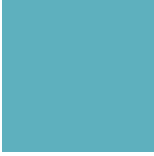
This preview shows how white text looks on a background with the Hex color 49B87C.

Color Blindness Simulation

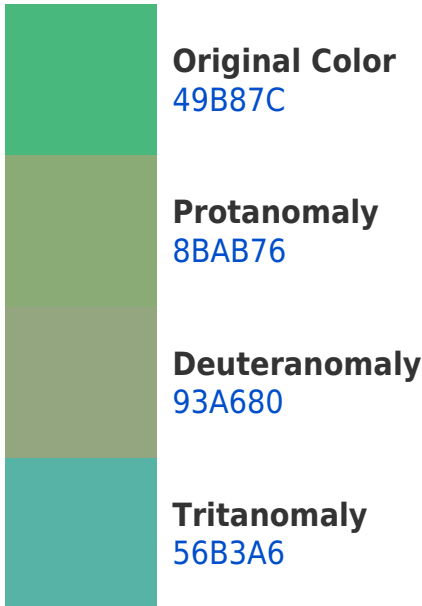
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49B87C 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 #49B87C looks like.

```
.text, #text, p{  
    color:#49B87C  
}
```

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 #49B87C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B87C
}
```

Border

The CSS property to change the border of an element to Hex 49B87C 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
#49B87C }
```

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

```
.border{ border-color:#49B87C }
```

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

Here you see how a box with a 4 pixel #49B87C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B87C; -webkit-box-shadow:4px 4px  
4px 4px #49B87C; box-shadow:4px 4px 4px  
4px #49B87C }
```

Background

The CSS property to change the background color of an element to Hex 49B87C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B87C }
```

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

```
.background{ background-color:#49B87C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor