

Converting Colors

Hex(49C6A3)

Have a look what the booklet for
Hex(49C6A3) contains.

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Color

Hex(49C6A3)

Conversions

Conversions Part 1

Format	Color
Hex	49C6A3
RGB	73, 198, 163
RGB Percent	29%, 78%, 64%
CMY	0.7137, 0.2235, 0.3608
CMYK	0.63, 0.00, 0.18, 0.22
HSL	163°, 52%, 53%
HSV	163°, 63%, 78%
XYZ	29.5526, 44.4490, 41.6723
YIQ	156.6350, -63.2650, -37.3850

Conversions

Conversions Part 2

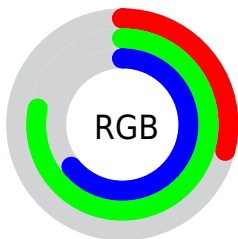
Format	Color
RYB	73, 146, 198
Decimal	4834979
CIELab	72.53, -42.85, 7.43
CIELCh	73, 43.491, 170.170
Yxy	44.4490, 0.2555, 0.3843
Android (android.graphics.Color)	4283025059 (0xFF49C6A3)
YUV	156.6350, 3.1379, -73.3479
Hunter-Lab	66.6701, -37.5496, 9.6097

Details

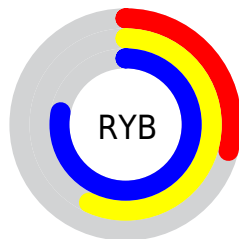
The Hex color **49C6A3** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C6496C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **86FFDA**, and **008F6F** is the 20% darker color. If you saturate the color by 10%, you get **35C69D**, and if you desaturate by 10%, it is **5DC6A9**.

Distribution



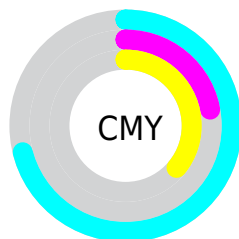
- Red (29%)
- Green (78%)
- Blue (64%)



- Red (29%)
- Yellow (57%)
- Blue (78%)



- Cyan (63%)
- Magenta (0%)
- Yellow (18%)
- Black (22%)



- Cyan (71%)
- Magenta (22%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49C6A3 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 49C6A3 by changing the saturation by 10% instead.

 49C6A3

 49C6A3

FFFFFF

 24AA89

 86FFDA

 008F6F

 A3FFF6

 007557

 C1FFFF

 005C40

 DFFFFF

 00432A

 FDFFFF

 002C15

 001000

 000000

 49C6A3

 49C6A3

■ 35C69D

■ 5DC6A9

■ 21C698

■ 71C6AE

■ 0EC692

■ 84C6B4

■ 00C68F

■ 98C6B9

■ ACC6BF

■ C0C6C4

■ D4C6CA

■ E7C6CF

■ FBC6D5

Harmonies

Analogous

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



82C17D



49C6A3



00C7CC

Triad

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



49C6A3



A2ACFC



F39D76

Complementary

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



49C6A3



C6496C

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.



FF9399



49C6A3



D79EE5

Square

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



49C6A3



59BAFF



F693C1



D7AB63

Rectangle

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



49C6A3



00C5E4



F693C1



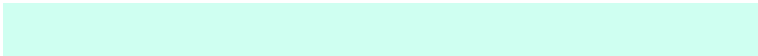
F99981

Sweetspot

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



49C6A3



CFFFF1



6CC649



628077



000000



808080

Same Dimension

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



49C6A3



3DFFC9



49ABC6



5A6361



00A376



00241A

Inverse Universe

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



C6496C



FF3D73



C66449



635A5C



A3002E



24000A

Previews

White Background



This preview shows how the Hex color 49C6A3 looks on a white background.

Color Contrast Check

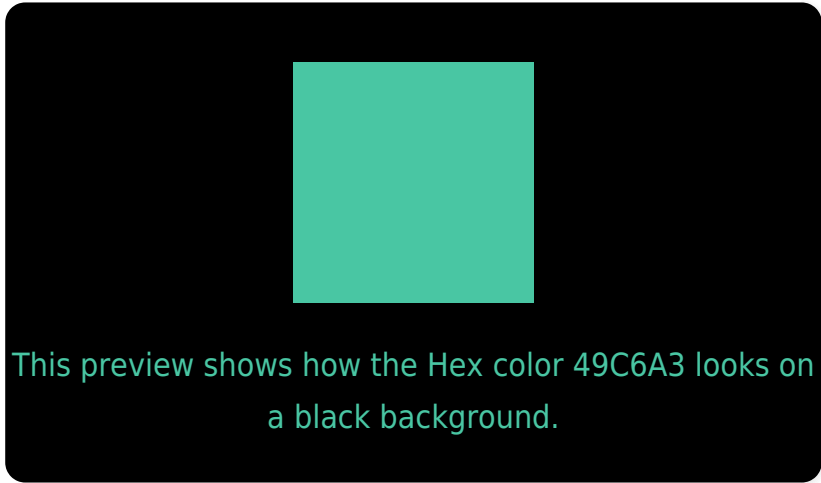
Large Text (above 18pt) WCAG AA × Fail

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

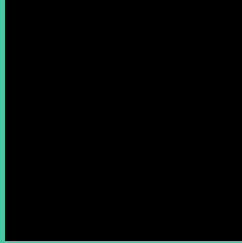
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

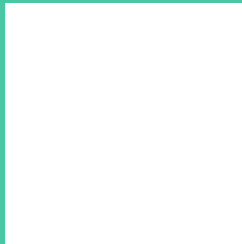
Any Text WCAG AAA ✓ Pass

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

Hex 49C6A3 Background



This preview shows how black text looks on a background with the Hex color 49C6A3.

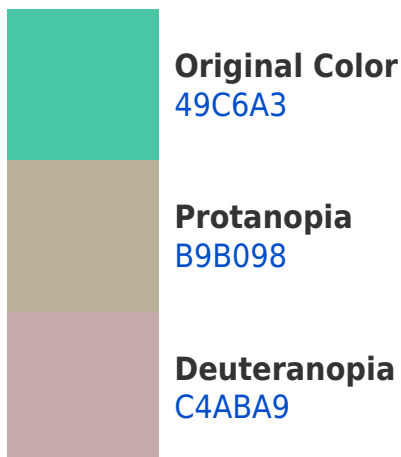


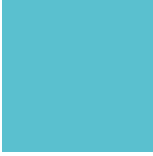
This preview shows how white text looks on a background with the Hex color 49C6A3.

Color Blindness Simulation

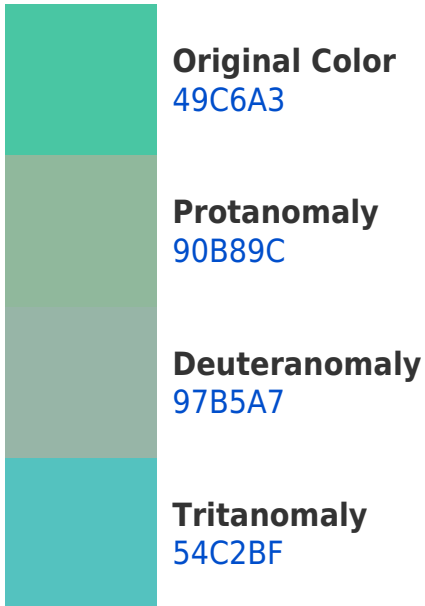
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

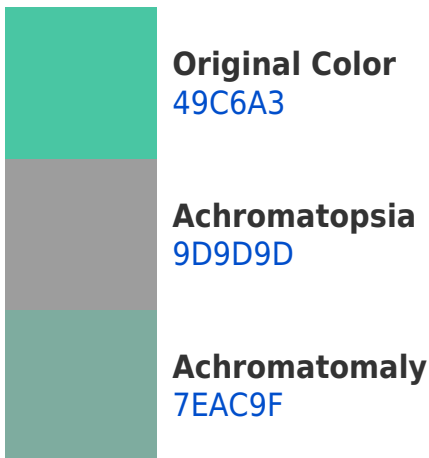




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 49C6A3 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 #49C6A3 looks like.

```
.text, #text, p{  
    color:#49C6A3  
}
```

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 #49C6A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C6A3
}
```

Border

The CSS property to change the border of an element to Hex 49C6A3 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
#49C6A3 }
```

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

```
.border{ border-color:#49C6A3 }
```

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

Here you see how a box with a 4 pixel #49C6A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C6A3; -webkit-box-shadow:4px 4px  
4px 4px #49C6A3; box-shadow:4px 4px 4px  
4px #49C6A3 }
```

Background

The CSS property to change the background color of an element to Hex 49C6A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C6A3 }
```

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

```
.background{ background-color:#49C6A3 }
```

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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