

# Converting Colors

Hex(49A085)

Have a look what the booklet for  
Hex(49A085) contains.

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**Color**

**Hex(49A085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49A085
RGB	73, 160, 133
RGB Percent	29%, 63%, 52%
CMY	0.7137, 0.3725, 0.4784
CMYK	0.54, 0.00, 0.17, 0.37
HSL	161°, 37%, 46%
HSV	161°, 54%, 63%
XYZ	19.5521, 28.2515, 26.6129
YIQ	130.9090, -43.1850, -26.8410

# Conversions

## Conversions Part 2

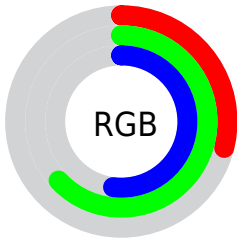
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 124, 160
Decimal	4825221
CIE <sub>Lab</sub>	60.12, -32.92, 6.19
CIE <sub>LCh</sub>	60, 33.501, 169.359
Yxy	28.2515, 0.2627, 0.3796
Android (android.graphics.Color)	4283015301 (0xFF49A085)
YUV	130.9090, 1.0309, -50.7862
Hunter-Lab	53.1522, -27.3548, 7.5205

# Details

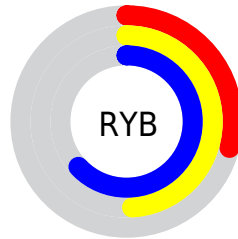
The Hex color **49A085** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04964**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **80D7BA**, and **016C54** is the 20% darker color. If you saturate the color by 10%, you get **39A080**, and if you desaturate by 10%, it is **59A08A**.

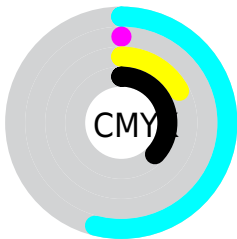
# Distribution



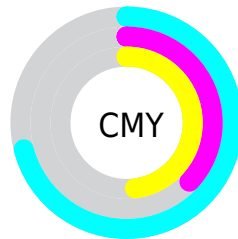
- Red (29%)
- Green (63%)
- Blue (52%)



- Red (29%)
- Yellow (49%)
- Blue (63%)



- Cyan (54%)
- Magenta (0%)
- Yellow (17%)
- Black (37%)



- Cyan (71%)
- Magenta (37%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49A085 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 49A085 by changing the saturation by 10% instead.





49A085



49A085

FFFFFF



2C856C



80D7BA



016C54



9CF4D6



00533C



B8FFF2



003B27



D5FFFF



002612



F2FFFF



000100



000000



49A085



49A085



39A080



59A08A

 29A07B

 69A08F

 19A076

 79A094

 09A071

 89A099

 00A06E

 99A09E

 A9A0A3

 B9A0A8

 C9A0AD

 D9A0B2

# Harmonies

## Analogous

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



6F9C69



49A085



1DA1A3

# Triad

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



49A085



858DC8



C28165

# Complementary

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



49A085



A04964

# 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.



CB7B7F



49A085



AC82B8

# Square

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



49A085



5397CA



C47B9D



AE8B57

# Rectangle

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



49A085



109FB5



C47B9D



C77F6D



# Sweetspot

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



49A085



B0D1C7



65A049



556962



E8E8E8



696969



# Same Dimension

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



49A085



49D1A7



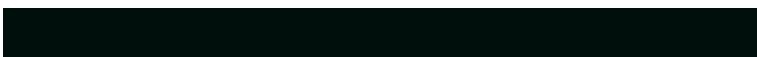
4990A0



474F4D



008F62



000F0B



# Inverse Universe

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



A04964



D14973



A05949



4F474A



8F002C

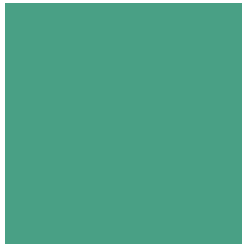


0F0005



# Previews

## White Background



This preview shows how the Hex color 49A085 looks on a white background.

## Color Contrast Check

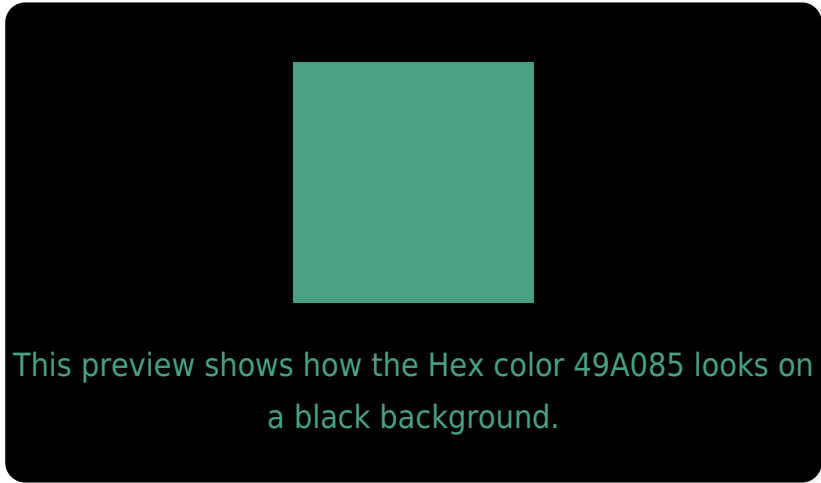
Large Text (above 18pt) WCAG AA ✓ Pass

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

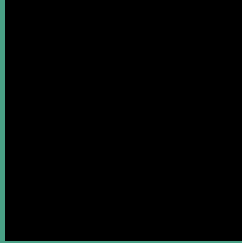
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 49A085 Background



This preview shows how black text looks on a background with the Hex color 49A085.

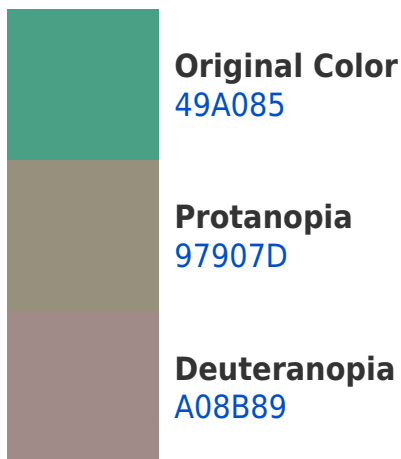


This preview shows how white text looks on a background with the Hex color 49A085.

# 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



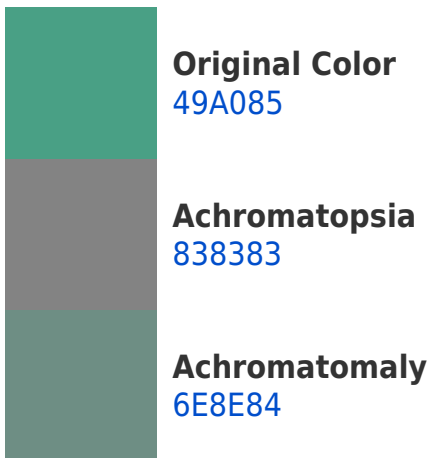


**Tritanopia**  
549BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49A085 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 #49A085 looks like.

```
.text, #text, p{  
    color:#49A085  
}
```

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 #49A085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49A085
}
```

## Border

The CSS property to change the border of an element to Hex 49A085 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
#49A085 }
```

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

```
.border{ border-color:#49A085 }
```

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

Here you see how a box with a 4 pixel #49A085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49A085; -webkit-box-shadow:4px 4px  
4px 4px #49A085; box-shadow:4px 4px 4px  
4px #49A085 }
```

# Background

The CSS property to change the background color of an element to Hex 49A085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49A085 }
```

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

```
.background{ background-color:#49A085 }
```

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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