

# Converting Colors

Hex(4AC08E)

Have a look what the booklet for  
Hex(4AC08E) contains.

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# Color

Hex(4AC08E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AC08E
RGB	74, 192, 142
RGB Percent	29%, 75%, 56%
CMY	0.7098, 0.2471, 0.4431
CMYK	0.61, 0.00, 0.26, 0.25
HSL	155°, 48%, 52%
HSV	155°, 61%, 75%
XYZ	26.5562, 41.1081, 32.1262
YIQ	151.0180, -54.2780, -40.5660

# Conversions

## Conversions Part 2

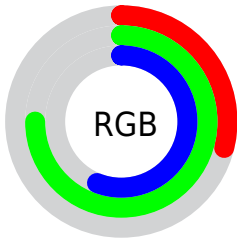
Format	Color
<a href="#">RYB</a>	<a href="#">74, 149, 192</a>
Decimal	<a href="#">4898958</a>
CIELab	<a href="#">70.25, -44.90, 15.56</a>
CIElCh	<a href="#">70, 47.522, 160.883</a>
Yxy	<a href="#">41.1081, 0.2661, 0.4119</a>
Android (android.graphics.Color)	<a href="#">4283089038 (0xFF4AC08E)</a>
YUV	<a href="#">151.0180, -4.4459, -67.5448</a>
Hunter-Lab	<a href="#">64.1156, -38.2691, 15.1727</a>

# Details

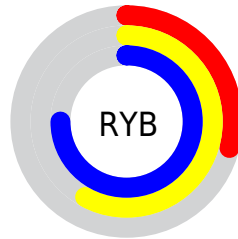
The Hex color **4AC08E** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C04A7C**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **85F9C4**, and **008A5C** is the 20% darker color. If you saturate the color by 10%, you get **37C086**, and if you desaturate by 10%, it is **5DC096**.

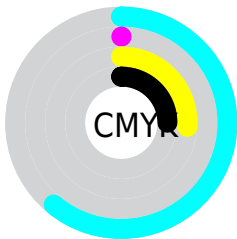
# Distribution



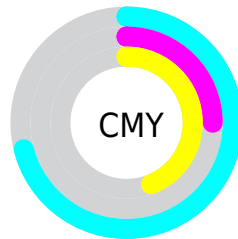
- Red (29%)
- Green (75%)
- Blue (56%)



- Red (29%)
- Yellow (58%)
- Blue (75%)



- Cyan (61%)
- Magenta (0%)
- Yellow (26%)
- Black (25%)



- Cyan (71%)
- Magenta (25%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AC08E 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 4AC08E by changing the saturation by 10% instead.



 4AC08E

 4AC08E

FFFFFF

 28A474

 85F9C4

 008A5C

 A2FFE0

 006F44

 C0FFFC

 00562D

 DDFFFF

 003E18

 FBFFFF

 002900

 000200

 000000

 4AC08E

 4AC08E

■ 37C086

■ 5DC096

■ 24C07E

■ 70C09E

■ 10C076

■ 84C0A6

■ 00C06F

■ 97C0AF

■ AAC0B7

■ BDC0BF

■ D0C0C7

■ E4C0CF

■ F7C0D7

# Harmonies

## Analogous

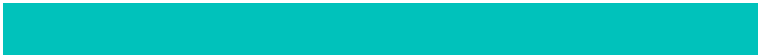
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88B968



4AC08E



00C2BB

# Triad

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



4AC08E



82ABFF



F79175

# Complementary

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



4AC08E



C04A7C

# 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.



FE889E



4AC08E



C49AED

# Square

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



4AC08E



00B8FD



ED8CC9



DDA05A

# Rectangle

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



4AC08E



00C1D7



ED8CC9



FB8D82

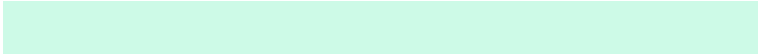


# Sweetspot

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



4AC08E



CDFAE7



7DC04A



617D71



FCFCFC



7D7D7D



# Same Dimension

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



4AC08E



41FAAC



4AB8C0



57615D



00A15D



002113



# Inverse Universe

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



C04A7C



FA418F



C0524A



61575B



A10044

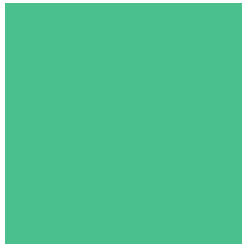


21000E



# Previews

## White Background



This preview shows how the Hex color 4AC08E looks on a white background.

## Color Contrast Check

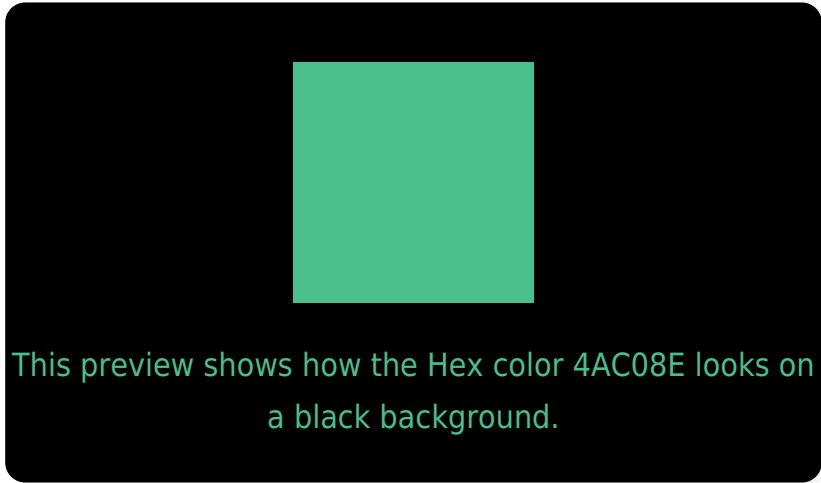
Large Text (above 18pt) WCAG AA × Fail

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

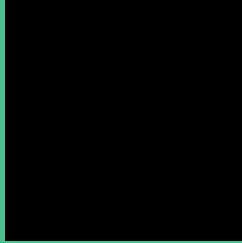
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AC08E Background



This preview shows how black text looks on a background with the Hex color 4AC08E.

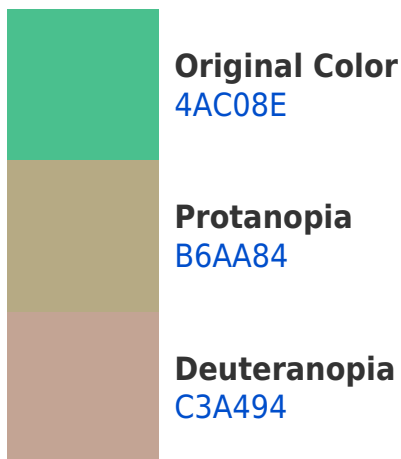


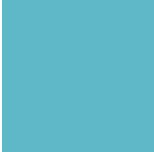
This preview shows how white text looks on a background with the Hex color 4AC08E.

# 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](#).

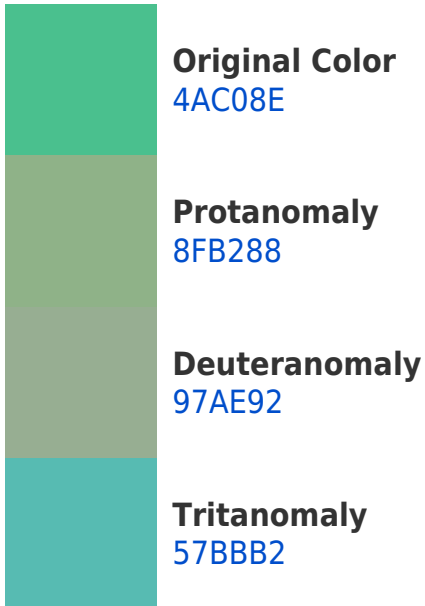
## Dichromacy





**Tritanopia**  
5EB8C7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AC08E 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 #4AC08E looks like.

```
.text, #text, p{  
    color:#4AC08E  
}
```

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 #4AC08E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AC08E
}
```

## Border

The CSS property to change the border of an element to Hex 4AC08E 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
#4AC08E }
```

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

```
.border{ border-color:#4AC08E }
```

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

Here you see how a box with a 4 pixel #4AC08E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AC08E; -webkit-box-shadow:4px 4px  
4px 4px #4AC08E; box-shadow:4px 4px 4px  
4px #4AC08E }
```

# Background

The CSS property to change the background color of an element to Hex 4AC08E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AC08E }
```

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

```
.background{ background-color:#4AC08E }
```

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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