

# Converting Colors

Hex(4AD38E)

Have a look what the booklet for  
Hex(4AD38E) contains.

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# Color

Hex(4AD38E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AD38E
RGB	74, 211, 142
RGB Percent	29%, 83%, 56%
CMY	0.7098, 0.1725, 0.4431
CMYK	0.65, 0.00, 0.33, 0.17
HSL	150°, 61%, 56%
HSV	150°, 65%, 83%
XYZ	31.0008, 49.9974, 33.6077
YIQ	162.1710, -59.5030, -50.5030

# Conversions

## Conversions Part 2

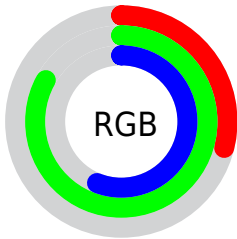
Format	Color
<a href="#">RYB</a>	<a href="#">74, 166, 211</a>
Decimal	<a href="#">4903822</a>
CIELab	<a href="#">76.07, -52.67, 23.57</a>
CIELCh	<a href="#">76, 57.702, 155.886</a>
Yxy	<a href="#">49.9974, 0.2705, 0.4363</a>
Android (android.graphics.Color)	<a href="#">4283093902</a> ( <a href="#">0xFF4AD38E</a> )
YUV	<a href="#">162.1710, -9.9443, -77.3260</a>
Hunter-Lab	<a href="#">70.7088, -45.4809, 21.3158</a>

# Details

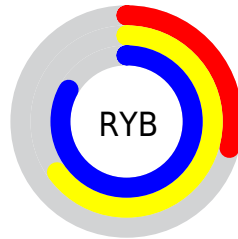
The Hex color **4AD38E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **D34A8F**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **88FFC4**, and **009B5B** is the 20% darker color. If you saturate the color by 10%, you get **35D383**, and if you desaturate by 10%, it is **5FD399**.

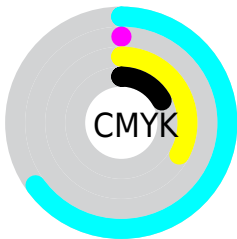
# Distribution



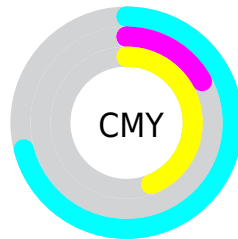
- Red (29%)
- Green (83%)
- Blue (56%)



- Red (29%)
- Yellow (65%)
- Blue (83%)



- Cyan (65%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)



- Cyan (71%)
- Magenta (17%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AD38E 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 4AD38E by changing the saturation by 10% instead.



 4AD38E

 4AD38E

FFFFFF

 23B774

 88FFC4

 009B5B

 A6FFE0

 008043

 C4FFFD

 00662C

 E2FFFF

 004D16

 003500

 001D00

 000000

 4AD38E

 4AD38E

 35D383

 5FD399

 20D379

 74D3A3

 0BD36E

 89D3AE

 00D369

 9ED3B9

 B4D3C3

 C9D3CE

 DED3D8

 F3D3E3

 FFD3EE

# Harmonies

## Analogous

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



98CA61



4AD38E



00D6C5

# Triad

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



4AD38E



6EBEFF



FF9680

# Complementary

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



4AD38E



D34A8F

# 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.



FF8DB3



4AD38E



CDA9FF

# Square

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



4AD38E



00CDFE



FF96E8



FDA95A

# Rectangle

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



4AD38E



00D6E8



FF96E8



FF9290

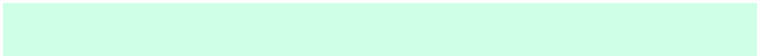


# Sweetspot

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



4AD38E



CFFFE7



91D34A



628071



000000



808080



# Same Dimension

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



4AD38E



38FF9B



4AD3D1



5E6963



00A854



002914



# Inverse Universe

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



D34A8F



FF389C



D34A4C



695E63



A80055

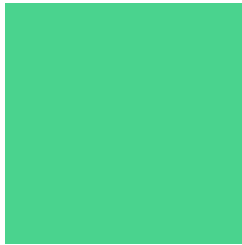


290015



# Previews

## White Background



This preview shows how the Hex color 4AD38E 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



This preview shows how the Hex color 4AD38E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

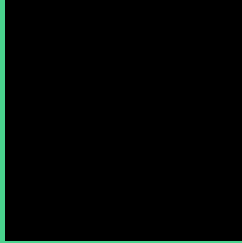
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AD38E Background



This preview shows how black text looks on a background with the Hex color 4AD38E.

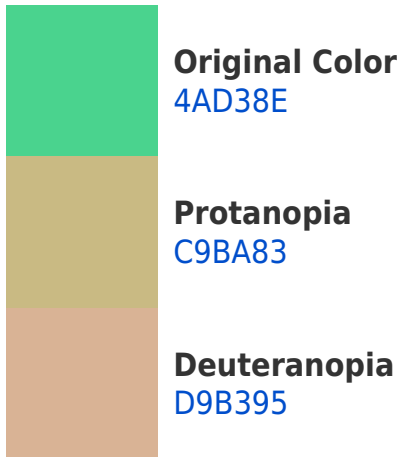


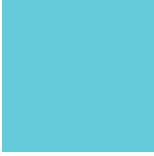
This preview shows how white text looks on a background with the Hex color 4AD38E.

# Color Blindness Simulation

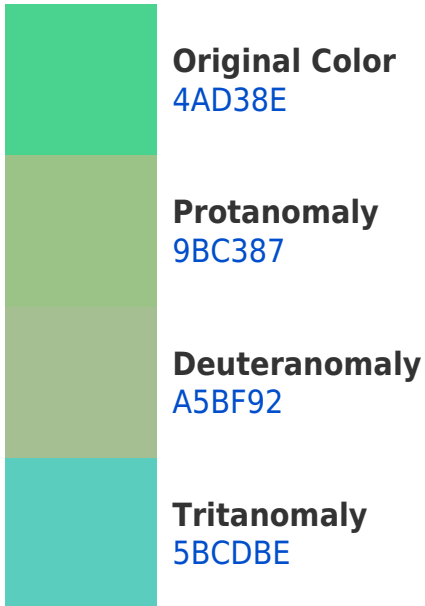
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

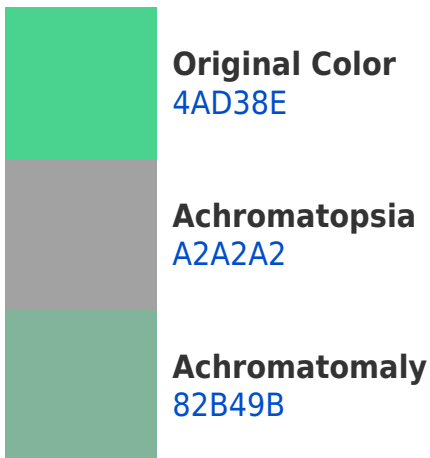




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AD38E 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 #4AD38E looks like.

```
.text, #text, p{  
    color:#4AD38E  
}
```

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 #4AD38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AD38E
}
```

## Border

The CSS property to change the border of an element to Hex 4AD38E 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
#4AD38E }
```

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

```
.border{ border-color:#4AD38E }
```

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

Here you see how a box with a 4 pixel #4AD38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AD38E; -webkit-box-shadow:4px 4px  
4px 4px #4AD38E; box-shadow:4px 4px 4px  
4px #4AD38E }
```

# Background

The CSS property to change the background color of an element to Hex 4AD38E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AD38E }
```

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

```
.background{ background-color:#4AD38E }
```

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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