

# Converting Colors

Hex(4DAC89)

Have a look what the booklet for  
Hex(4DAC89) contains.

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# Color

Hex(4DAC89)

# Conversions

## Conversions Part 1

Format	Color
Hex	4DAC89
RGB	77, 172, 137
RGB Percent	30%, 67%, 54%
CMY	0.6980, 0.3255, 0.4627
CMYK	0.55, 0.00, 0.20, 0.33
HSL	158°, 38%, 49%
HSV	158°, 55%, 67%
XYZ	22.3284, 32.8890, 28.8383
YIQ	139.6050, -45.3850, -31.0250

# Conversions

## Conversions Part 2

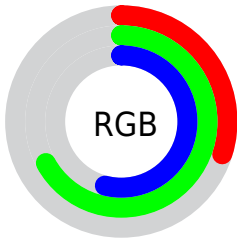
Format	Color
<a href="#">RYB</a>	<a href="#">77, 135, 172</a>
Decimal	<a href="#">5090441</a>
CIELab	<a href="#">64.07, -36.62, 9.61</a>
CIELCh	<a href="#">64, 37.859, 165.290</a>
Yxy	<a href="#">32.8890, 0.2656, 0.3913</a>
Android (android.graphics.Color)	<a href="#">4283280521</a> ( <a href="#">0xFF4DAC89</a> )
YUV	<a href="#">139.6050, -1.2843, -54.9046</a>
Hunter-Lab	<a href="#">57.3489, -30.8627, 10.3299</a>

# Details

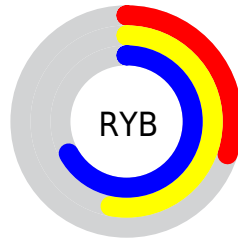
The Hex color **4DAC89** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AC4D70**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **85E4BE**, and **037757** is the 20% darker color. If you saturate the color by 10%, you get **3CAC83**, and if you desaturate by 10%, it is **5EAC8F**.

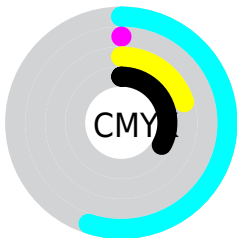
# Distribution



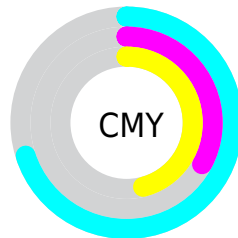
- Red (30%)
- Green (67%)
- Blue (54%)



- Red (30%)
- Yellow (53%)
- Blue (67%)



- Cyan (55%)
- Magenta (0%)
- Yellow (20%)
- Black (33%)



- Cyan (70%)
- Magenta (33%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DAC89 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 4DAC89 by changing the saturation by 10% instead.



 4DAC89

 4DAC89

FFFFFF

 2F9170

 85E4BE

 037757

 A1FFDA

 005E40

 BEFFF7

 00452A

 DBFFF7

 002E15

 F8FFF7

 001700

 000000

 4DAC89

 4DAC89

 3CAC83


 5EAC8F

 2BAC7C

 6FAC96

 19AC76

 81AC9C

 08AC70

 92ACA2

 00AC6D

 A3ACA9

 B4ACAF

 C5ACB5

 D7ACBC

 E8ACC2

# Harmonies

## Analogous

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



7AA76A



4DAC89



00ADAC

# Triad

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



4DAC89



8699DC



D5886D

# Complementary

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



4DAC89



AC4D70

# 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.



DD818B



4DAC89



B58CCB

# Square

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



4DAC89



47A4DC



D283AD



BF935A

# Rectangle

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



4DAC89



00ACC1



D283AD



DA8576



# Sweetspot

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



4DAC89



BAE0D2



71AC4D



5A7068



F0F0F0



707070



# Same Dimension

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



4DAC89



4CE0AA



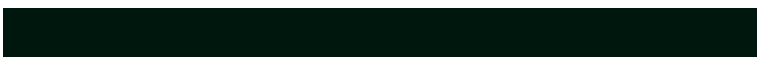
4DA1AC



4E5754



00965F



00170E



# Inverse Universe

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



AC4D70



E04C83



AC584D



574E51



960037

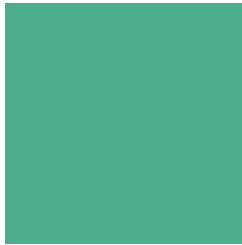


170008



# Previews

## White Background



This preview shows how the Hex color 4DAC89 looks on a white background.

## Color Contrast Check

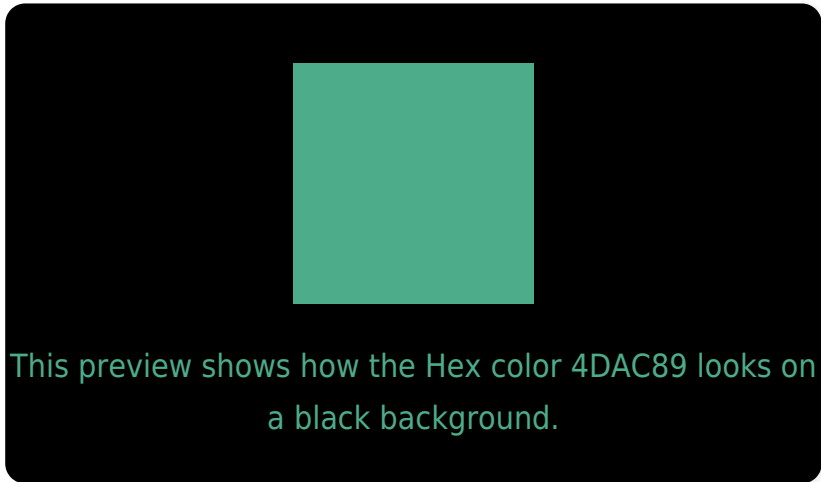
Large Text (above 18pt) WCAG AA × Fail

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

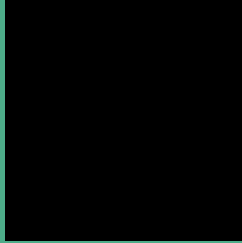
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DAC89 Background



This preview shows how black text looks on a background with the Hex color 4DAC89.

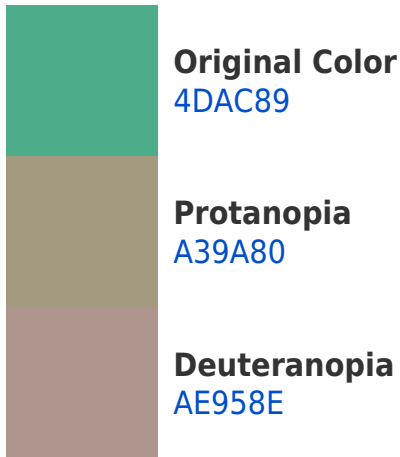


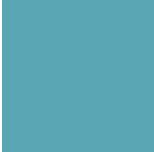
This preview shows how white text looks on a background with the Hex color 4DAC89.

# 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](#).

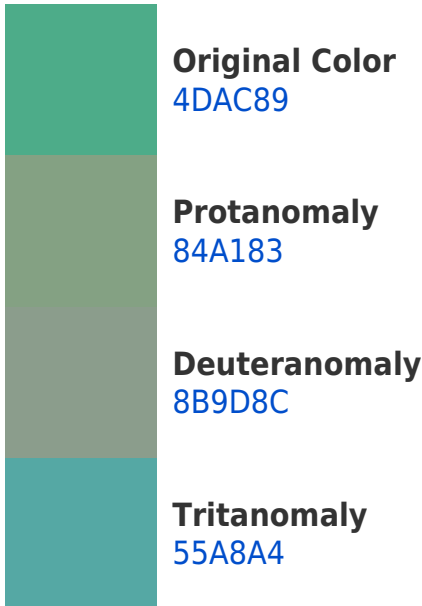
## Dichromacy



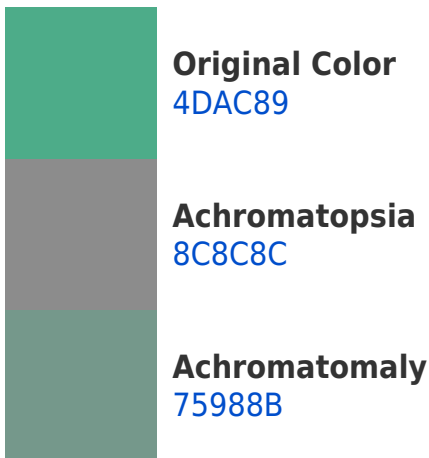


**Tritanopia**  
5AA6B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DAC89 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 #4DAC89 looks like.

```
.text, #text, p{  
    color:#4DAC89  
}
```

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 #4DAC89 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAC89
}
```

## Border

The CSS property to change the border of an element to Hex 4DAC89 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
#4DAC89 }
```

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

```
.border{ border-color:#4DAC89 }
```

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

Here you see how a box with a 4 pixel #4DAC89 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAC89; -webkit-box-shadow:4px 4px  
4px 4px #4DAC89; box-shadow:4px 4px 4px  
4px #4DAC89 }
```

# Background

The CSS property to change the background color of an element to Hex 4DAC89 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAC89 }
```

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

```
.background{ background-color:#4DAC89 }
```

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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