

# Converting Colors

Hex(4DAD90)

Have a look what the booklet for  
Hex(4DAD90) contains.

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# **Color**

**Hex(4DAD90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DAD90
RGB	77, 173, 144
RGB Percent	30%, 68%, 56%
CMY	0.6980, 0.3216, 0.4353
CMYK	0.55, 0.00, 0.17, 0.32
HSL	162°, 38%, 49%
HSV	162°, 55%, 68%
XYZ	23.0382, 33.4785, 31.6333
YIQ	140.9900, -47.9070, -29.3710

# Conversions

## Conversions Part 2

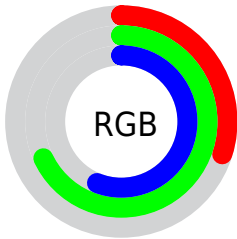
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 134, 173
Decimal	5090704
CIELab	64.55, -35.43, 6.41
CIELCh	65, 36.009, 169.744
Yxy	33.4785, 0.2614, 0.3798
Android (android.graphics.Color)	4283280784 (0xFF4DAD90)
YUV	140.9900, 1.4839, -56.1192
Hunter-Lab	57.8606, -30.1834, 8.0877

# Details

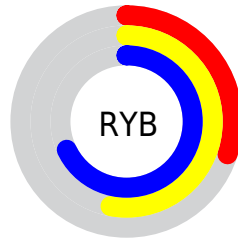
The Hex color **4DAD90** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD4D6A**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **85E5C6**, and **01785E** is the 20% darker color. If you saturate the color by 10%, you get **3CAD8B**, and if you desaturate by 10%, it is **5EAD95**.

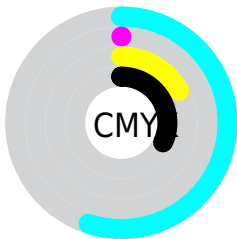
# Distribution



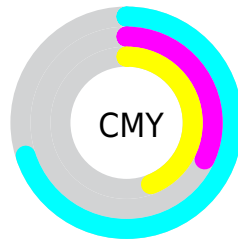
- Red (30%)
- Green (68%)
- Blue (56%)



- Red (30%)
- Yellow (53%)
- Blue (68%)



- Cyan (55%)
- Magenta (0%)
- Yellow (17%)
- Black (32%)



- Cyan (70%)
- Magenta (32%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DAD90 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 4DAD90 by changing the saturation by 10% instead.



 4DAD90

 4DAD90

FFFFFF

 2F9276

 85E5C6

 01785E

 A2FFE2

 005F46

 BEFFFE

 004630

 DBFFFF

 002F1B

 F9FFFF

 001900

 000000

 4DAD90

 4DAD90

 3CAD8B

 5EAD95

■ 2AAD86

■ 70AD9A

■ 19AD80

■ 81ADA0

■ 08AD7B

■ 92ADA5

■ 00AD79

■ A3ADAA

■ B5ADAF

■ C6ADB5

■ D7ADBA

■ E9ADBF

# Harmonies

## Analogous

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



77A972



4DAD90



18AEB1

# Triad

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



4DAD90



9098D9



D28C6D

# Complementary

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



4DAD90



AD4D6A

# 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.



DB8488



4DAD90



BA8DC6

# Square

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



4DAD90



5AA3DB



D485A9



BB975D

# Rectangle

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



4DAD90



03ACC5



D485A9



D78975



# Sweetspot

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



4DAD90



BAE0D5



6BAD4D



5A7069



F0F0F0



707070



# Same Dimension

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



4DAD90



4AE0B3



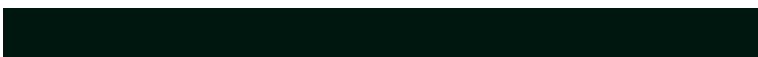
4D9BAD



4E5754



009669



001710



# Inverse Universe

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



AD4D6A



E04A77



AD5F4D



574E51



96002D

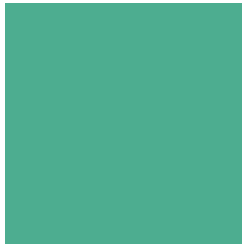


170007



# Previews

## White Background



This preview shows how the Hex color 4DAD90 looks on a white background.

## Color Contrast Check

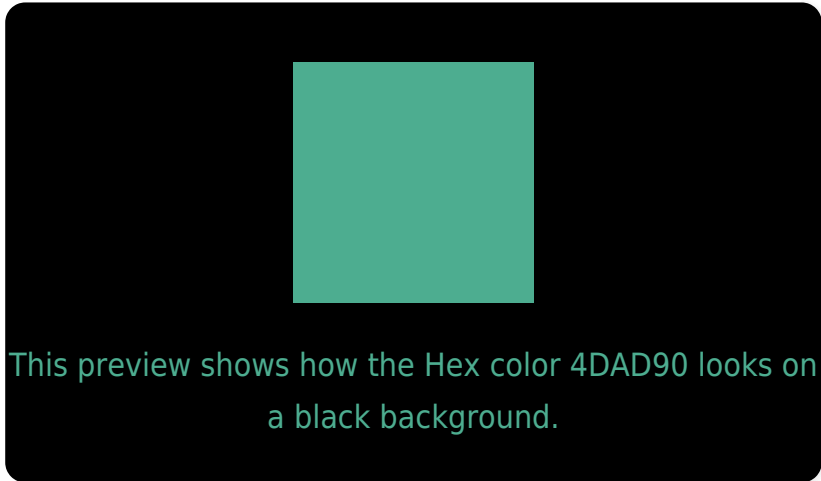
Large Text (above 18pt) WCAG AA × Fail

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 4DAD90 Background



This preview shows how black text looks on a background with the Hex color 4DAD90.

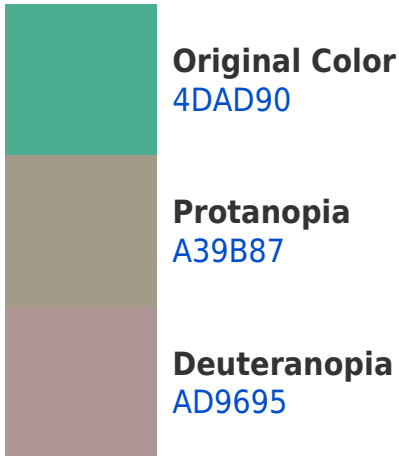


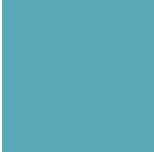
This preview shows how white text looks on a background with the Hex color 4DAD90.

# 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](#).

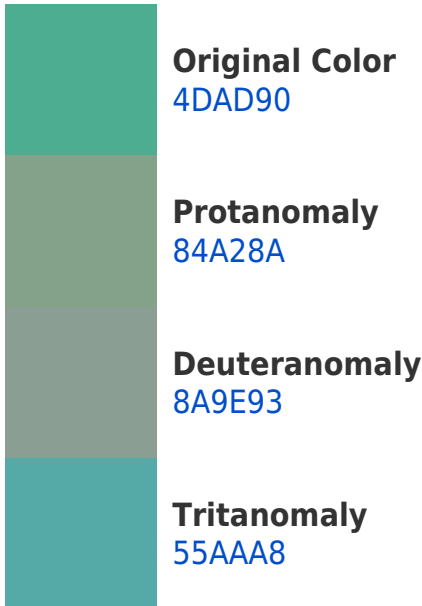
## Dichromacy



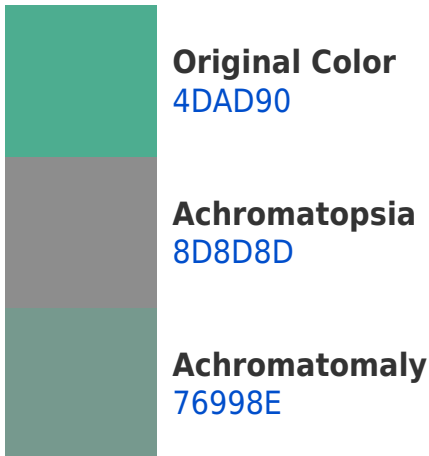


**Tritanopia**  
59A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DAD90 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 #4DAD90 looks like.

```
.text, #text, p{  
    color:#4DAD90  
}
```

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 #4DAD90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DAD90
}
```

## Border

The CSS property to change the border of an element to Hex 4DAD90 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
#4DAD90 }
```

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

```
.border{ border-color:#4DAD90 }
```

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

Here you see how a box with a 4 pixel #4DAD90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DAD90; -webkit-box-shadow:4px 4px  
4px 4px #4DAD90; box-shadow:4px 4px 4px  
4px #4DAD90 }
```

# Background

The CSS property to change the background color of an element to Hex 4DAD90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DAD90 }
```

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

```
.background{ background-color:#4DAD90 }
```

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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