

# Converting Colors

Hex(4DA794)

Have a look what the booklet for  
Hex(4DA794) contains.

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# **Color**

**Hex(4DA794)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA794
RGB	77, 167, 148
RGB Percent	30%, 65%, 58%
CMY	0.6980, 0.3451, 0.4196
CMYK	0.54, 0.00, 0.11, 0.35
HSL	167°, 37%, 48%
HSV	167°, 54%, 65%
XYZ	22.2246, 31.3533, 32.8974
YIQ	137.9240, -47.5410, -24.9890

# Conversions

## Conversions Part 2

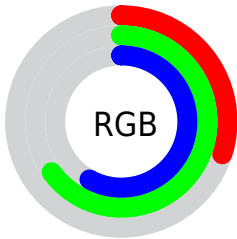
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 127, 167
Decimal	5089172
CIELab	62.80, -31.64, 1.67
CIELCh	63, 31.683, 176.984
Yxy	31.3533, 0.2570, 0.3626
Android (android.graphics.Color)	4283279252 (0xFF4DA794)
YUV	137.9240, 4.9675, -53.4303
Hunter-Lab	55.9940, -27.1412, 4.3620

# Details

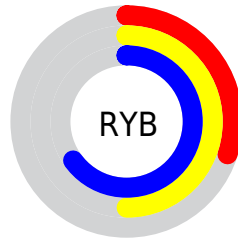
The Hex color **4DA794** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A74D60**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **85DFCA**, and **057261** is the 20% darker color. If you saturate the color by 10%, you get **3CA790**, and if you desaturate by 10%, it is **5EA798**.

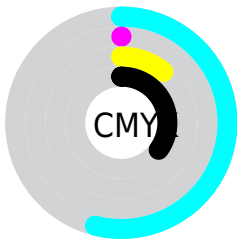
# Distribution



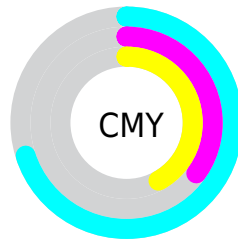
- Red (30%)
- Green (65%)
- Blue (58%)



- Red (30%)
- Yellow (50%)
- Blue (65%)



- Cyan (54%)
- Magenta (0%)
- Yellow (11%)
- Black (35%)



- Cyan (70%)
- Magenta (35%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA794 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 4DA794 by changing the saturation by 10% instead.





4DA794



4DA794

FFFFFF



2F8C7A



85DFCA



057261



A1FBE6



00594A



BEFFFF



004133



DBFFFF



002B1E



F8FFFF



001206



000000



4DA794



4DA794



3CA790



5EA798

■ 2CA78D

■ 6EA79B

■ 1BA789

■ 7FA79F

■ 0AA786

■ 90A7A2

■ 00A784

■ A0A7A6

■ B1A7A9

■ C2A7AD

■ D3A7B0

■ E3A7B4

# Harmonies

## Analogous

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



70A478



4DA794



32A7B0

# Triad

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



4DA794



9792CA



C48C6A

# Complementary

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



4DA794



A74D60

# 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.



CF8480



4DA794



B988B7

# Square

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



4DA794



6C9CD0



CC839C



AE9560

# Rectangle

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



4DA794



37A5C0



CC839C



C98970



# Sweetspot

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



4DA794



B6D9D1



61A74D



596E69



EDEDED



6E6E6E



# Same Dimension

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



4DA794



4CD9BB



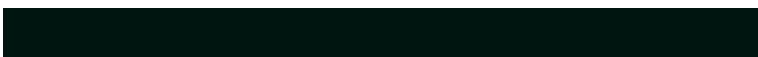
4D8DA7



4C5452



009475



001410



# Inverse Universe

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



A74D60



D94C6A



A7664D



544C4E



94001F

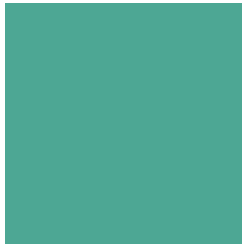


140004



# Previews

## White Background



This preview shows how the Hex color 4DA794 looks on a white background.

## Color Contrast Check

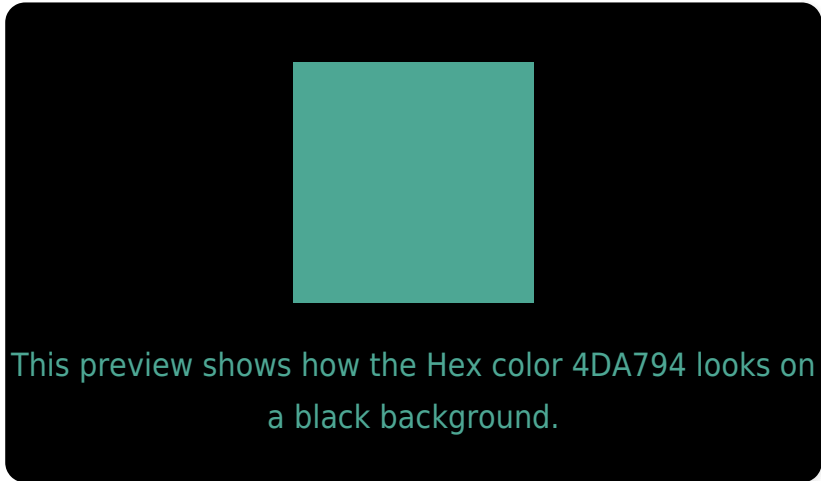
Large Text (above 18pt) WCAG AA × Fail

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

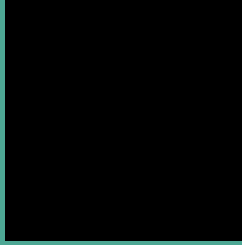
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4DA794 Background



This preview shows how black text looks on a background with the Hex color 4DA794.

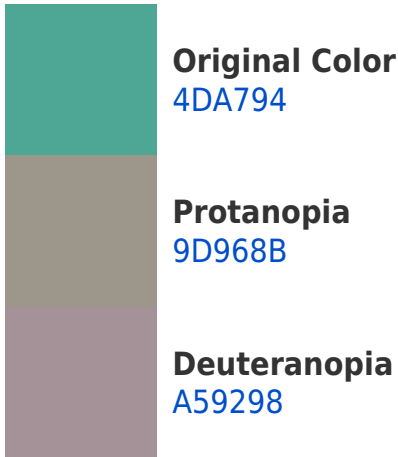


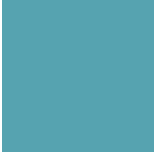
This preview shows how white text looks on a background with the Hex color 4DA794.

# 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](#).

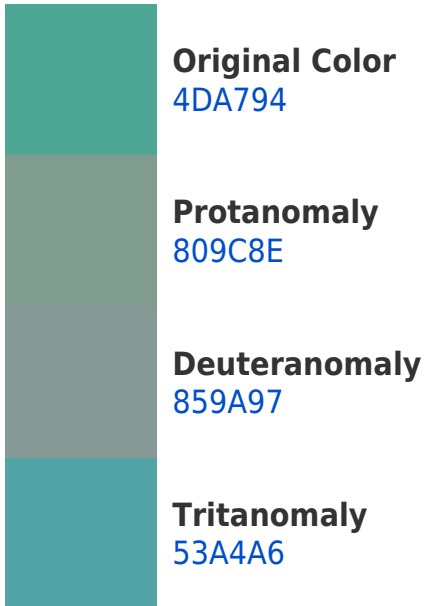
## Dichromacy



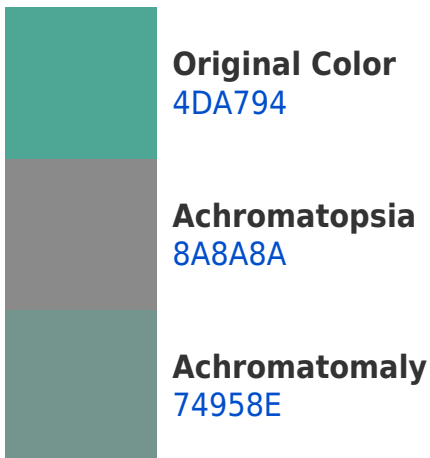


**Tritanopia**  
56A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA794 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 #4DA794 looks like.

```
.text, #text, p{  
    color:#4DA794  
}
```

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 #4DA794 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA794
}
```

## Border

The CSS property to change the border of an element to Hex 4DA794 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
#4DA794 }
```

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

```
.border{ border-color:#4DA794 }
```

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

Here you see how a box with a 4 pixel #4DA794 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA794; -webkit-box-shadow:4px 4px  
4px 4px #4DA794; box-shadow:4px 4px 4px  
4px #4DA794 }
```

# Background

The CSS property to change the background color of an element to Hex 4DA794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA794 }
```

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

```
.background{ background-color:#4DA794 }
```

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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