

# Converting Colors

Hex(4FA494)

Have a look what the booklet for  
Hex(4FA494) contains.

<b>Hex(4FA494)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4FA494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FA494
RGB	79, 164, 148
RGB Percent	31%, 64%, 58%
CMY	0.6902, 0.3569, 0.4196
CMYK	0.52, 0.00, 0.10, 0.36
HSL	169°, 35%, 48%
HSV	169°, 52%, 64%
XYZ	21.8452, 30.3513, 32.7240
YIQ	136.7610, -45.5240, -22.9960

# Conversions

## Conversions Part 2

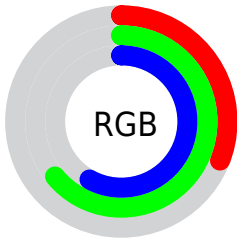
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 126, 164
Decimal	5219476
CIE <sub>Lab</sub>	61.96, -29.74, 0.44
CIE <sub>LCh</sub>	62, 29.748, 179.153
Yxy	30.3513, 0.2572, 0.3574
Android (android.graphics.Color)	4283409556 (0xFF4FA494)
YUV	136.7610, 5.5408, -50.6564
Hunter-Lab	55.0920, -25.6318, 3.3469

# Details

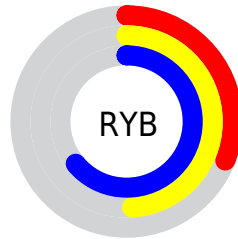
The Hex color **4FA494** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A44F5F**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **86DBCA**, and **0D7061** is the 20% darker color. If you saturate the color by 10%, you get **3FA491**, and if you desaturate by 10%, it is **5FA497**.

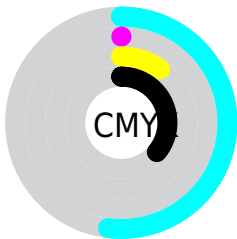
# Distribution



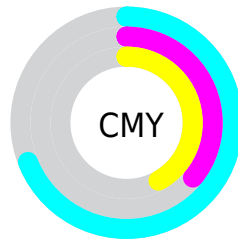
- Red (31%)
- Green (64%)
- Blue (58%)



- Red (31%)
- Yellow (49%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (69%)
- Magenta (36%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FA494 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 4FA494 by changing the saturation by 10% instead.





4FA494



4FA494

FFFFFF



32897A



86DBCA



0D7061



A2F8E6



00574A



BFFFFFF



003F33



DCFFFF



00291E



F9FFFF



000D06



000000



4FA494



4FA494



3FA491



5FA497

 2EA48E

 70A49A

 1EA48B

 80A49D

 0DA488

 91A4A0

 00A485

 A1A4A3

 B1A4A7

 C2A4AA

 D2A4AD

 E3A4B0

# Harmonies

## Analogous

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



6EA17A



4FA494



3BA3AE

# Triad

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



4FA494



988FC4



BE8B69

# Complementary

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



4FA494



A44F5F

# 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.



C9847D



4FA494



B686B1

# Square

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



4FA494



7198CA



C78297



A99461

# Rectangle

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



4FA494



41A1BD



C78297



C3886F



# Sweetspot

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



4FA494



B4D6D0



60A44F



576B67



EBEBEB



6B6B6B



# Same Dimension

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



4FA494



51D6BD



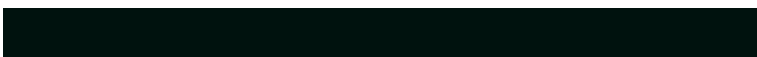
4F8AA4



495250



009176



00120E



# Inverse Universe

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



A44F5F



D6516A



A4694F



52494B



91001B

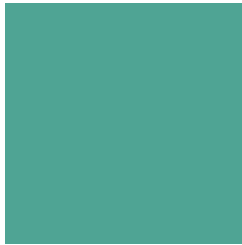


120003



# Previews

## White Background



This preview shows how the Hex color 4FA494 looks on a white background.

## Color Contrast Check

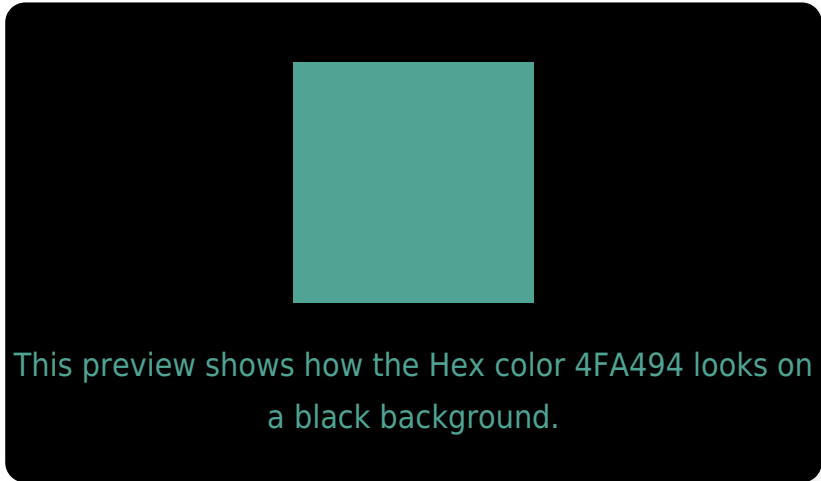
Large Text (above 18pt) WCAG AA × Fail

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

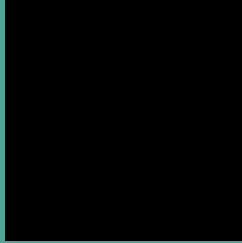
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FA494 Background



This preview shows how black text looks on a background with the Hex color 4FA494.

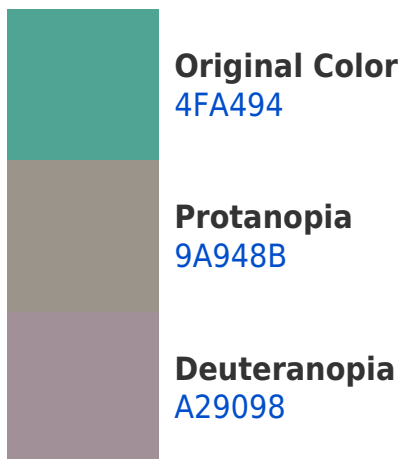


This preview shows how white text looks on a background with the Hex color 4FA494.

# 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](#).

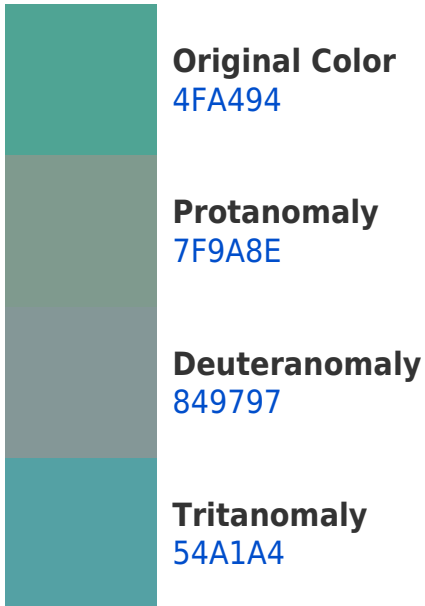
## Dichromacy



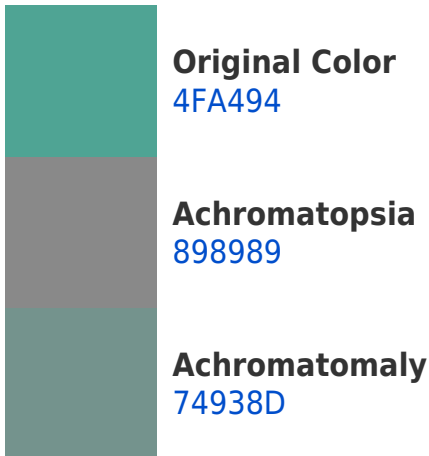


**Tritanopia**  
57A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FA494 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 #4FA494 looks like.

```
.text, #text, p{  
    color:#4FA494  
}
```

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 #4FA494 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA494  
}
```

## Border

The CSS property to change the border of an element to Hex 4FA494 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  
#4FA494 }
```

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

```
.border{ border-color:#4FA494 }
```

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

Here you see how a box with a 4 pixel #4FA494 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA494; -webkit-box-shadow:4px 4px  
4px 4px #4FA494; box-shadow:4px 4px 4px  
4px #4FA494 }
```

# Background

The CSS property to change the background color of an element to Hex 4FA494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA494 }
```

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

```
.background{ background-color:#4FA494 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor