

# Converting Colors

Hex(4997A4)

Have a look what the booklet for  
Hex(4997A4) contains.

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**Color**

**Hex(4997A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4997A4
RGB	73, 151, 164
RGB Percent	29%, 59%, 64%
CMY	0.7137, 0.4078, 0.3569
CMYK	0.55, 0.08, 0.00, 0.36
HSL	189°, 38%, 46%
HSV	189°, 55%, 64%
XYZ	20.5151, 26.2300, 39.1036
YIQ	129.1600, -50.6610, -12.4930

# Conversions

## Conversions Part 2

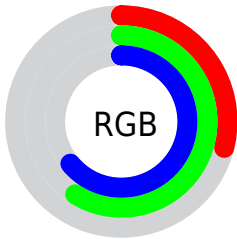
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 115, 164
Decimal	4822948
CIE <sub>Lab</sub>	58.25, -20.14, -14.14
CIE <sub>LCh</sub>	58, 24.603, 215.069
Yxy	26.2300, 0.2390, 0.3055
Android (android.graphics.Color)	4283013028 (0xFF4997A4)
YUV	129.1600, 17.1761, -49.2523
Hunter-Lab	51.2153, -18.1256, -9.4181

# Details

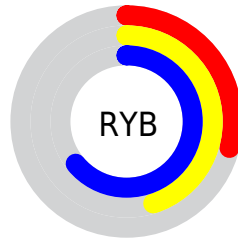
The Hex color **4997A4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A45649**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **81CDD8**, and **006470** is the 20% darker color. If you saturate the color by 10%, you get **3995A4**, and if you desaturate by 10%, it is **5999A4**.

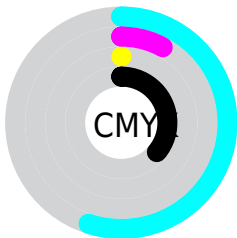
# Distribution



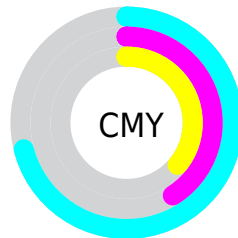
- Red (29%)
- Green (59%)
- Blue (64%)



- Red (29%)
- Yellow (45%)
- Blue (64%)



- Cyan (55%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (41%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4997A4 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 4997A4 by changing the saturation by 10% instead.





4997A4



4997A4

FFFFFF



2B7D8A



81CDD8



006470



9DEAF7



004C58



BAEFFF



003540



D7FFFF



00202A



F4FFFF



000116



000000



4997A4



4997A4



3995A4



5999A4

■ 2892A4

■ 6A9CA4

■ 1890A4

■ 7A9EA4

■ 078EA4

■ 8BA0A4

■ 008DA4

■ 9BA3A4

■ ABA5A4

■ BCA7A4

■ CCAAA4

■ DDACA4

# Harmonies

## Analogous

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



51988F



4997A4



5893B2

# Triad

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



4997A4



AB7F9F



988C61

# Complementary

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



4997A4



A45649

# 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.



AB8566



4997A4



B67C89

# Square

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



4997A4



9485AF



B67E74



809268

# Rectangle

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



4997A4



6B8FB7



B67E74



9F8961



# Sweetspot

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



4997A4



B2D1D6



49A455



56686B



EBEBEB



6B6B6B



# Same Dimension

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



4997A4



47C2D6



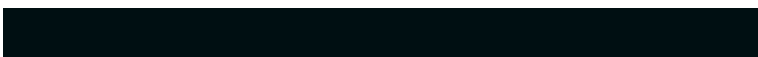
496AA4



495052



007D91



000F12



# Inverse Universe

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



A44997



D647C2



A48349



524950



91007D

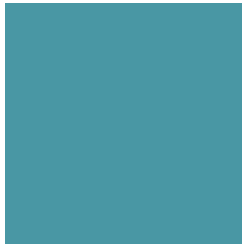


12000F



# Previews

## White Background



This preview shows how the Hex color 4997A4 looks on a white background.

## Color Contrast Check

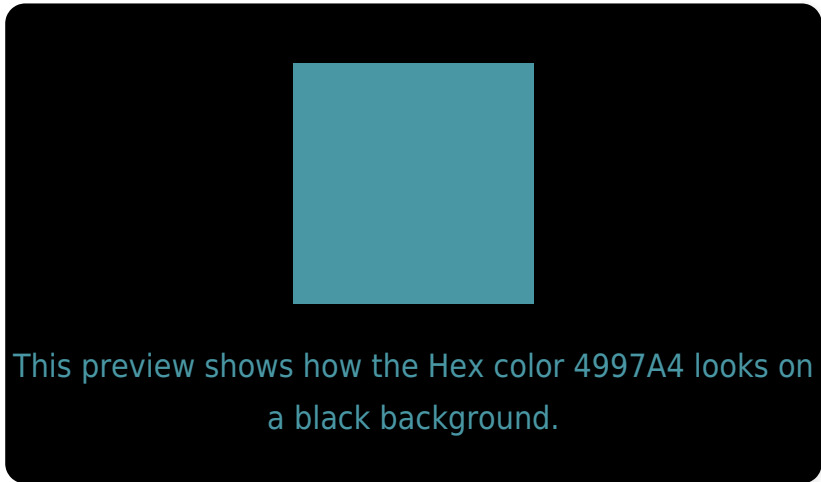
Large Text (above 18pt) WCAG AA ✓ Pass

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

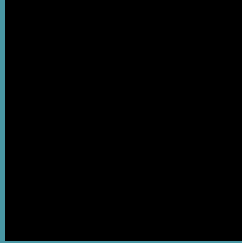
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

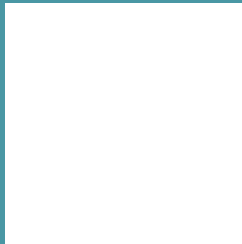
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4997A4 Background



This preview shows how black text looks on a background with the Hex color 4997A4.

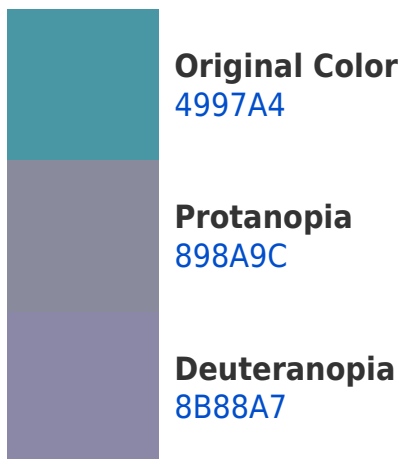


This preview shows how white text looks on a background with the Hex color 4997A4.

# 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](#).

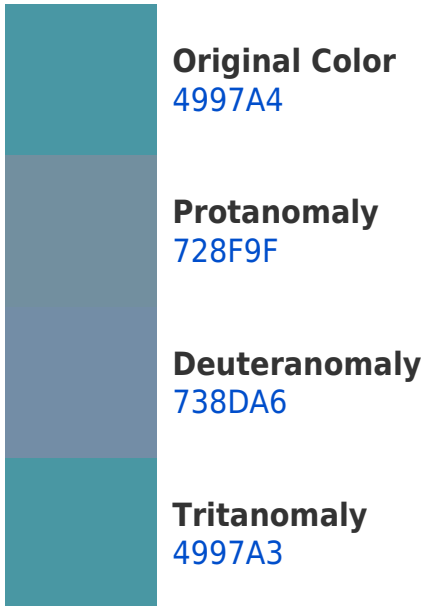
## Dichromacy





**Tritanopia**  
4997A3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4997A4 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 #4997A4 looks like.

```
.text, #text, p{  
    color:#4997A4  
}
```

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 #4997A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4997A4
}
```

## Border

The CSS property to change the border of an element to Hex 4997A4 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
#4997A4 }
```

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

```
.border{ border-color:#4997A4 }
```

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

Here you see how a box with a 4 pixel #4997A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4997A4; -webkit-box-shadow:4px 4px  
4px 4px #4997A4; box-shadow:4px 4px 4px  
4px #4997A4 }
```

# Background

The CSS property to change the background color of an element to Hex 4997A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4997A4 }
```

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

```
.background{ background-color:#4997A4 }
```

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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