

# Converting Colors

Hex(499999)

Have a look what the booklet for  
Hex(499999) contains.

<b>Hex(499999)</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(499999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	499999
RGB	73, 153, 153
RGB Percent	29%, 60%, 60%
CMY	0.7137, 0.4000, 0.4000
CMYK	0.52, 0.00, 0.00, 0.40
HSL	180°, 35%, 44%
HSV	180°, 52%, 60%
XYZ	19.8887, 26.4988, 34.2035
YIQ	129.0800, -47.6800, -16.9600

# Conversions

## Conversions Part 2

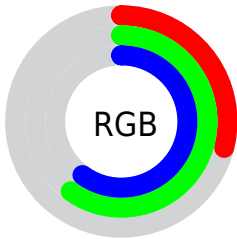
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 113, 153
Decimal	4823449
CIE <sub>Lab</sub>	58.51, -24.31, -7.50
CIE <sub>LCh</sub>	59, 25.440, 197.135
Yxy	26.4988, 0.2468, 0.3288
Android (android.graphics.Color)	4283013529 (0xFF499999)
YUV	129.0800, 11.7926, -49.1822
Hunter-Lab	51.4770, -21.1196, -3.3609

# Details

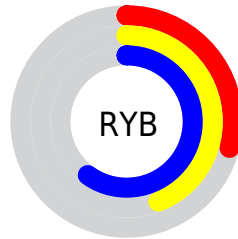
The Hex color **499999** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **994949**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **80D0CF**, and **006666** is the 20% darker color. If you saturate the color by 10%, you get **3A9999**, and if you desaturate by 10%, it is **589999**.

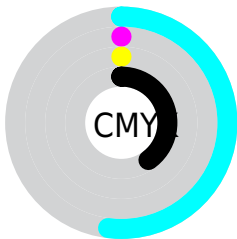
# Distribution



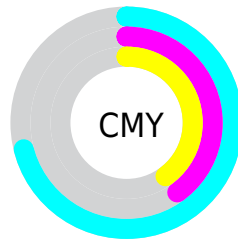
- Red (29%)
- Green (60%)
- Blue (60%)



- Red (29%)
- Yellow (44%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499999 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 499999 by changing the saturation by 10% instead.



 499999

 499999

FFFFFF

 2B7F7F

 80D0CF

 006666

 9CECEB

 004D4E

 B9FFFF

 003637

 D6FFFF

 002122

 F3FFFF

 00000C

 000000

 499999

 499999

 3A9999

 589999

■ 2A9999

■ 689999

■ 1B9999

■ 779999

■ 0C9999

■ 869999

■ 009999

■ 959999

■ A59999

■ B49999

■ C39999

■ D39999

# Harmonies

## Analogous

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



5D9882



499999



4A97AD

# Triad

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



499999



A083AB



A58862

# Complementary

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



499999



994949

# 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.



B4816D



499999



B37D97

# Square

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



499999



838AB7



BA7C81



8F8F62

# Rectangle

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



499999



5894B5



BA7C81



AB8564



# Sweetspot

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



499999



A7C7C7



499949



516363



E3E3E3



636363



# Same Dimension

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



499999



4AC7C7



497199



454D4D



008C8C



000D0D



# Inverse Universe

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



994999



C74AC7



997149



4D454D



8C008C

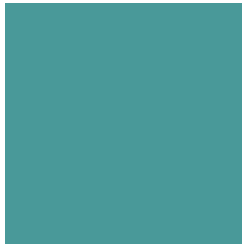


0D000D



# Previews

## White Background



This preview shows how the Hex color 499999 looks on a white background.

## Color Contrast Check

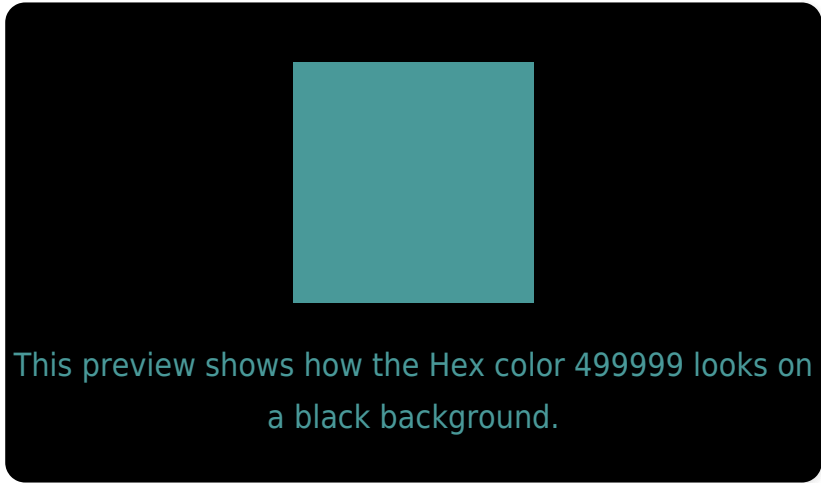
Large Text (above 18pt) WCAG AA ✓ Pass

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

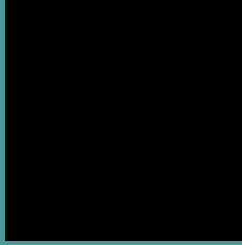
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 499999 Background



This preview shows how black text looks on a background with the Hex color 499999.

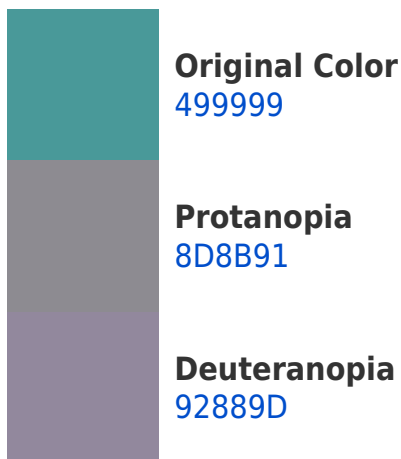


This preview shows how white text looks on a background with the Hex color 499999.

# 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



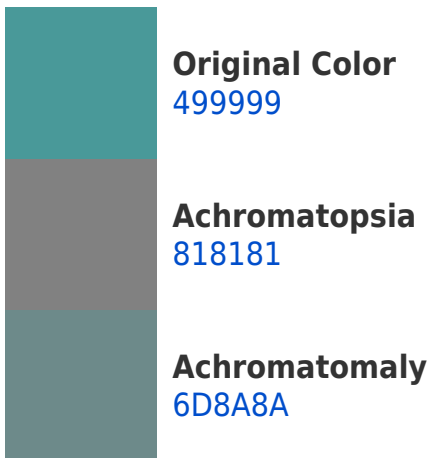


**Tritanopia**  
4D97A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499999 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 #499999 looks like.

```
.text, #text, p{  
    color:#499999  
}
```

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 #499999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499999
}
```

## Border

The CSS property to change the border of an element to Hex 499999 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
#499999 }
```

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

```
.border{ border-color:#499999 }
```

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

Here you see how a box with a 4 pixel #499999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499999; -webkit-box-shadow:4px 4px  
4px 4px #499999; box-shadow:4px 4px 4px  
4px #499999 }
```

# Background

The CSS property to change the background color of an element to Hex 499999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499999 }
```

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

```
.background{ background-color:#499999 }
```

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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