

# Converting Colors

Hex(499092)

Have a look what the booklet for  
Hex(499092) contains.

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**Color**

**Hex(499092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	499092
RGB	73, 144, 146
RGB Percent	29%, 56%, 57%
CMY	0.7137, 0.4353, 0.4275
CMYK	0.50, 0.01, 0.00, 0.43
HSL	182°, 33%, 43%
HSV	182°, 50%, 57%
XYZ	17.9092, 23.4383, 30.7743
YIQ	122.9990, -42.9580, -14.4300

# Conversions

## Conversions Part 2

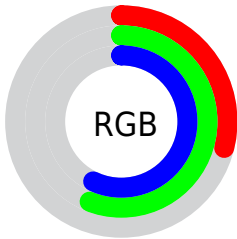
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	73, 109, 146
Decimal	4821138
CIE <sub>Lab</sub>	55.52, -21.63, -7.94
CIE <sub>LCh</sub>	56, 23.043, 200.156
Yxy	23.4383, 0.2483, 0.3250
Android (android.graphics.Color)	4283011218 (0xFF499092)
YUV	122.9990, 11.3395, -43.8491
Hunter-Lab	48.4131, -18.6914, -3.7991

# Details

The Hex color **499092** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **924B49**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **7FC6C8**, and **075D60** is the 20% darker color. If you saturate the color by 10%, you get **3A9092**, and if you desaturate by 10%, it is **589092**.

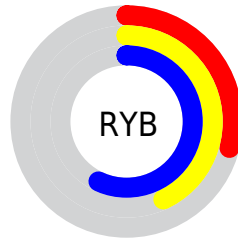
# Distribution



Red (29%)

Green (56%)

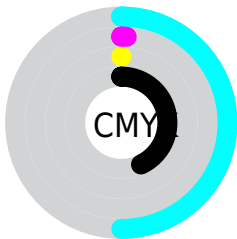
Blue (57%)



Red (29%)

Yellow (43%)

Blue (57%)

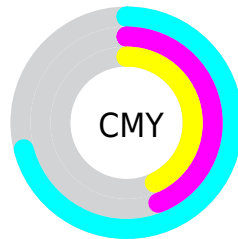


Cyan (50%)

Magenta (1%)

Yellow (0%)

Black (43%)



Cyan (71%)

Magenta (44%)

Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 499092 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 499092 by changing the saturation by 10% instead.



 499092

 499092

FFFFFF

 2D7678

 7FC6C8

 075D60

 9BE2E4

 004548

 B7FFFF

 002F32

 D4FFFF

 001C1C

 F1FFFF

 000001

 000000

 499092

 499092

 3A9092

 589092

■ 2C8F92

■ 669192

■ 1D8F92

■ 759192

■ 0F8E92

■ 839292

■ 008E92

■ 929292

■ A19292

■ AF9392

■ BE9392

■ CC9492

# Harmonies

## Analogous

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



58907D



499092



4C8EA3

# Triad

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



499092



987B9F



99815E

# Complementary

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



499092



924B49

# 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.



A87B67



499092



A8778C

# Square

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



499092



7F82AA



AD7778



85885F

# Rectangle

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



499092



5A8BAA



AD7778



9F7F60



# Sweetspot

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



499092



A0BCBD



49924A



4D5E5E



DEDEDE



5E5E5E



# Same Dimension

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



499092



4BBABD



496C92



434A4A



00868A



000A0A



# Inverse Universe

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



924990



BD4BBA



926F49



4A434A



8A0086

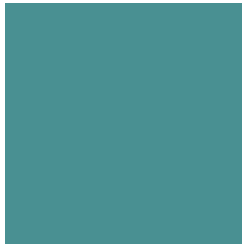


0A000A



# Previews

## White Background



This preview shows how the Hex color 499092 looks on a white background.

## Color Contrast Check

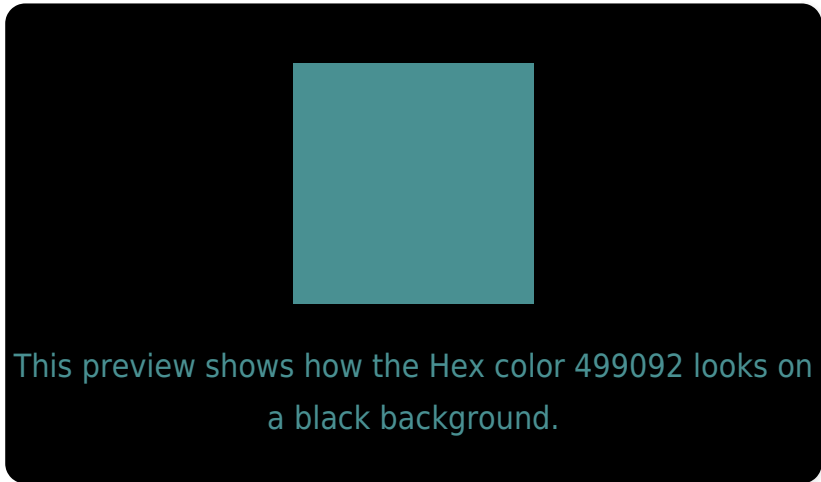
Large Text (above 18pt) WCAG AA ✓ Pass

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

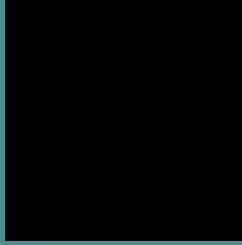
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 499092 Background



This preview shows how black text looks on a background with the Hex color 499092.

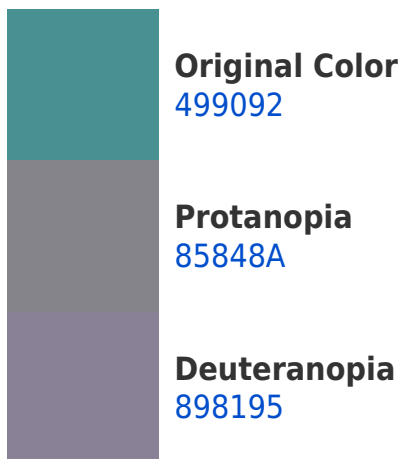


This preview shows how white text looks on a background with the Hex color 499092.

# 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**  
4C8F9A

# Trichromacy



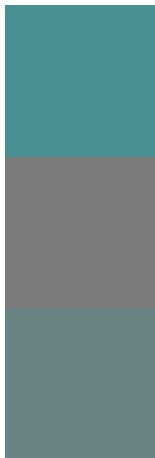
**Original Color**  
499092

**Protanomaly**  
6F888D

**Deuteranomaly**  
728694

**Tritanomaly**  
4B8F97

# Monochromacy



**Original Color**  
499092

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
698383

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 499092 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 #499092 looks like.

```
.text, #text, p{  
    color:#499092  
}
```

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 #499092 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #499092
}
```

## Border

The CSS property to change the border of an element to Hex 499092 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
#499092 }
```

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

```
.border{ border-color:#499092 }
```

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

Here you see how a box with a 4 pixel #499092 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #499092; -webkit-box-shadow:4px 4px  
4px 4px #499092; box-shadow:4px 4px 4px  
4px #499092 }
```

# Background

The CSS property to change the background color of an element to Hex 499092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#499092 }
```

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

```
.background{ background-color:#499092 }
```

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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