

# Converting Colors

Hex(509A92)

Have a look what the booklet for  
Hex(509A92) contains.

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**Color**

**Hex(509A92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	509A92
RGB	80, 154, 146
RGB Percent	31%, 60%, 57%
CMY	0.6863, 0.3961, 0.4275
CMYK	0.48, 0.00, 0.05, 0.40
HSL	174°, 32%, 46%
HSV	174°, 48%, 60%
XYZ	20.0522, 26.8920, 31.3279
YIQ	130.9620, -41.5360, -18.1760

# Conversions

## Conversions Part 2

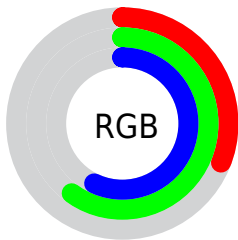
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 119, 154
Decimal	5282450
CIELab	58.87, -25.08, -2.94
CIELCh	59, 25.252, 186.688
Yxy	26.8920, 0.2562, 0.3436
Android (android.graphics.Color)	4283472530 (0xFF509A92)
YUV	130.9620, 7.4137, -44.6937
Hunter-Lab	51.8575, -21.7285, 0.4822

# Details

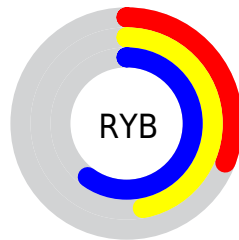
The Hex color **509A92** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A5058**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **86D1C8**, and **146660** is the 20% darker color. If you saturate the color by 10%, you get **419A90**, and if you desaturate by 10%, it is **5F9A94**.

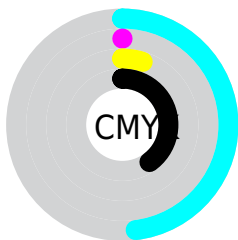
# Distribution



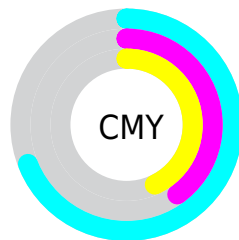
- Red (31%)
- Green (60%)
- Blue (57%)



- Red (31%)
- Yellow (47%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 509A92 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 509A92 by changing the saturation by 10% instead.





509A92



509A92

FFFFFF



348078



86D1C8



146660



A2EDE4



004E48



BEFFFF



003732



DBFFFF



00221D



F8FFFF



000002



000000



509A92



509A92



419A90



5F9A94

■ 319A8F

■ 6F9A95

■ 229A8D

■ 7E9A97

■ 129A8B

■ 8E9A99

■ 039A8A

■ 9D9A9A

■ 009A89

■ AC9A9C

■ BC9A9E

■ CB9A9F

■ DB9AA1

# Harmonies

## Analogous

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



66987B



509A92



4899A7

# Triad

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



509A92



9786B1



AC8666

# Complementary

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



509A92



9A5058

# 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.



B88074



509A92



AE80A0

# Square

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



509A92



788EB9



B97D89



988E62

# Rectangle

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



509A92



5196B2



B97D89



B18469



# Sweetspot

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



509A92



ADC9C6



599A50



556664



E6E6E6



666666



# Same Dimension

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



509A92



55C9BD



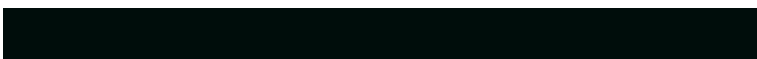
507E9A



454D4C



008C7D



000D0B



# Inverse Universe

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



9A5058



C95561



9A6C50



4D4546



8C000F

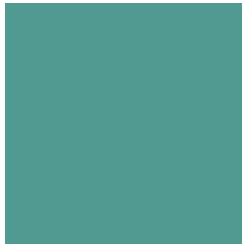


0D0001



# Previews

## White Background



This preview shows how the Hex color 509A92 looks on a white background.

## Color Contrast Check

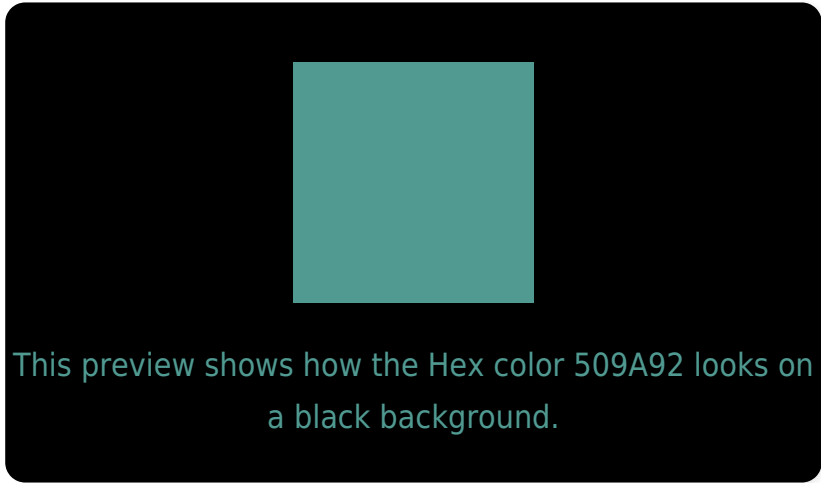
Large Text (above 18pt) WCAG AA ✓ Pass

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

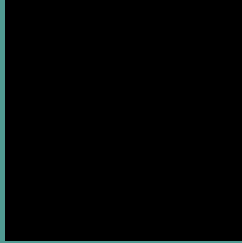
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 509A92 Background



This preview shows how black text looks on a background with the Hex color 509A92.

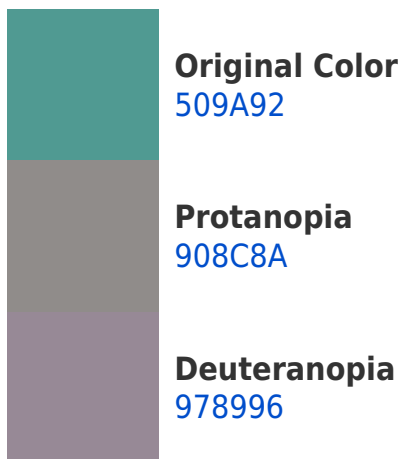


This preview shows how white text looks on a background with the Hex color 509A92.

# 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](#).

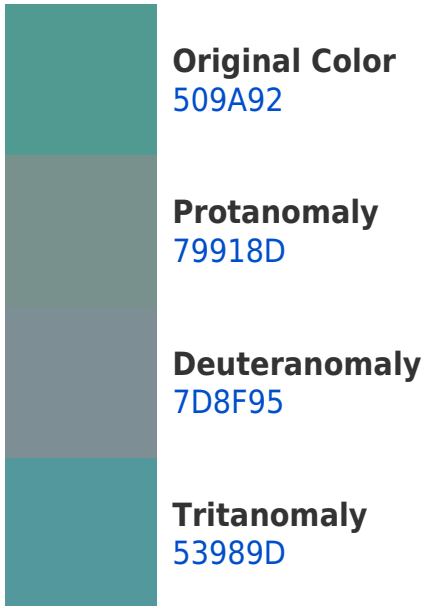
## Dichromacy



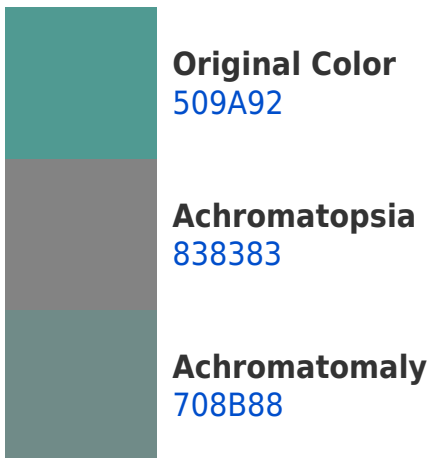


**Tritanopia**  
5597A4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 509A92 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 #509A92 looks like.

```
.text, #text, p{  
    color:#509A92  
}
```

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 #509A92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509A92
}
```

## Border

The CSS property to change the border of an element to Hex 509A92 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
#509A92 }
```

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

```
.border{ border-color:#509A92 }
```

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

Here you see how a box with a 4 pixel #509A92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509A92; -webkit-box-shadow:4px 4px  
4px 4px #509A92; box-shadow:4px 4px 4px  
4px #509A92 }
```

# Background

The CSS property to change the background color of an element to Hex 509A92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509A92 }
```

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

```
.background{ background-color:#509A92 }
```

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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