

# Converting Colors

Hex(63A89D)

Have a look what the booklet for  
Hex(63A89D) contains.

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**Color**

**Hex(63A89D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63A89D
RGB	99, 168, 157
RGB Percent	39%, 66%, 62%
CMY	0.6118, 0.3412, 0.3843
CMYK	0.41, 0.00, 0.07, 0.34
HSL	170°, 28%, 52%
HSV	170°, 41%, 66%
XYZ	25.2340, 33.0922, 36.9558
YIQ	146.1150, -37.5930, -18.0490

# Conversions

## Conversions Part 2

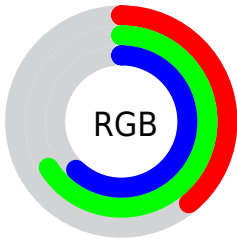
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 136, 168
Decimal	6531229
CIELab	64.24, -24.49, -1.17
CIELCh	64, 24.515, 182.741
Yxy	33.0922, 0.2648, 0.3473
Android (android.graphics.Color)	4284721309 (0xFF63A89D)
YUV	146.1150, 5.3663, -41.3199
Hunter-Lab	57.5258, -22.3702, 2.1790

# Details

The Hex color **63A89D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **A8636E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **99DFD3**, and **2D746A** is the 20% darker color. If you saturate the color by 10%, you get **52A89A**, and if you desaturate by 10%, it is **74A8A0**.

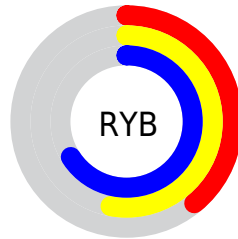
# Distribution



Red (39%)

Green (66%)

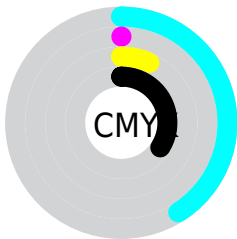
Blue (62%)



Red (39%)

Yellow (53%)

Blue (66%)

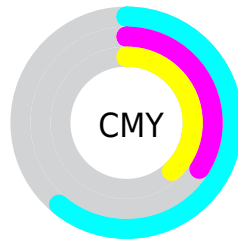


Cyan (41%)

Magenta (0%)

Yellow (7%)

Black (34%)



Cyan (61%)

Magenta (34%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63A89D 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 63A89D by changing the saturation by 10% instead.



 63A89D

 63A89D

FFFFFF

 488D83

 99DFD3

 2D746A

 B5FCF0

 0C5B52

 D1FFFF

 00433B

 EEEFFF

 002C25

 001810


 000000

 63A89D

 63A89D

 52A89A

 74A8A0

 41A898

 85A8A2

 31A895

 95A8A5

 20A892

 A6A8A8

 0FA890

 B7A8AA

 00A88D

 C8A8AD

 D9A8B0

 E9A8B2

 FAA8B5

# Harmonies

## Analogous

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



79A687



63A89D



5AA7B3

# Triad

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



63A89D



A295C0



BC9475

# Complementary

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



63A89D



A8636E

# 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.



C78E85



63A89D



BA8FB0

# Square

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



63A89D



839DC7



C68C9A



AA9B70

# Rectangle

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



63A89D



60A5BE



C68C9A



C1917A



# Sweetspot

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



63A89D



C1DBD7



6EA863



5E6E6B



EDEDED



6E6E6E



# Same Dimension

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



63A89D



70DBCA



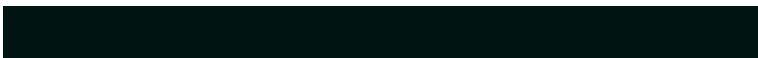
6391A8



4C5453



00947C



001411



# Inverse Universe

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



A8636E



DB7081



A87A63



544C4D



940018

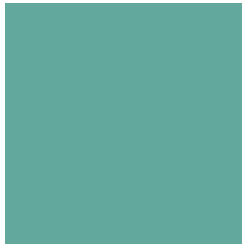


140003



# Previews

## White Background



This preview shows how the Hex color 63A89D looks on a white background.

## Color Contrast Check

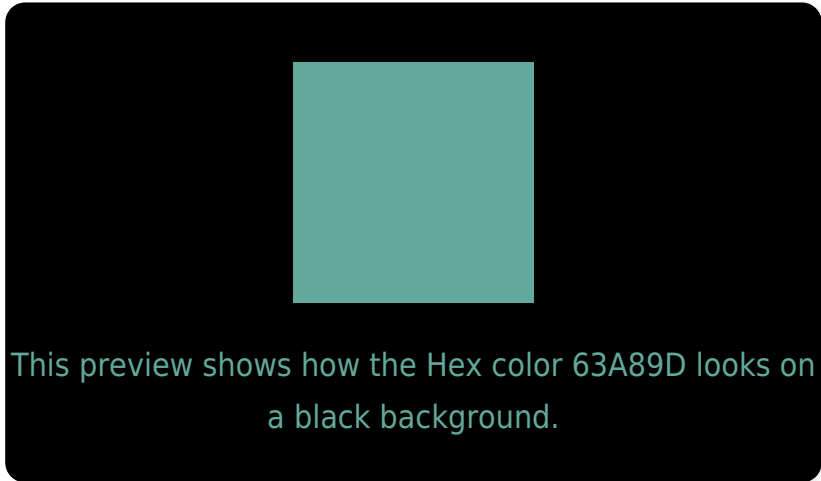
Large Text (above 18pt) WCAG AA × Fail

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

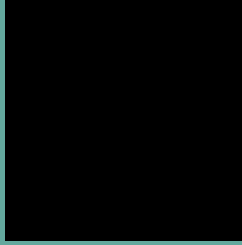
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 63A89D Background



This preview shows how black text looks on a background with the Hex color 63A89D.

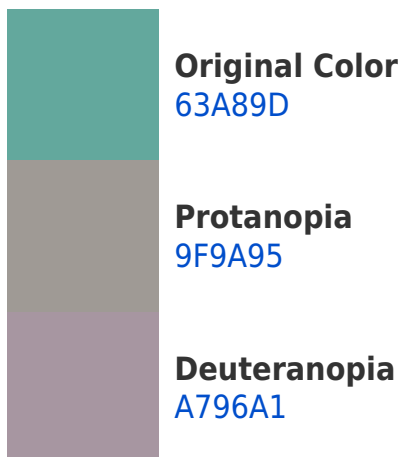


This preview shows how white text looks on a background with the Hex color 63A89D.

# 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](#).

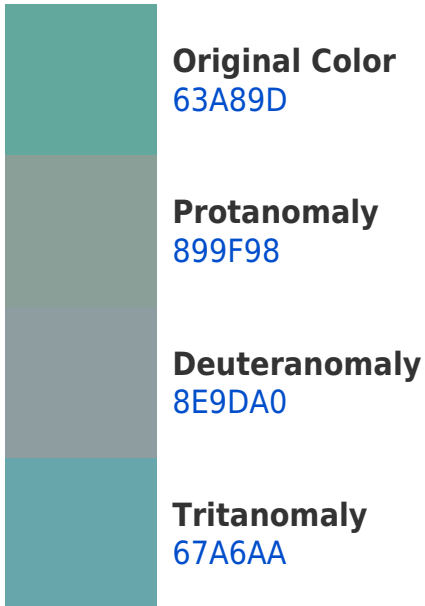
## Dichromacy





**Tritanopia**  
69A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63A89D 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 #63A89D looks like.

```
.text, #text, p{  
    color:#63A89D  
}
```

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 #63A89D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63A89D
}
```

## Border

The CSS property to change the border of an element to Hex 63A89D 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
#63A89D }
```

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

```
.border{ border-color:#63A89D }
```

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

Here you see how a box with a 4 pixel #63A89D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63A89D; -webkit-box-shadow:4px 4px  
4px 4px #63A89D; box-shadow:4px 4px 4px  
4px #63A89D }
```

# Background

The CSS property to change the background color of an element to Hex 63A89D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63A89D }
```

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

```
.background{ background-color:#63A89D }
```

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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