

# Converting Colors

Hex(6899AF)

Have a look what the booklet for  
Hex(6899AF) contains.

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# Color

Hex(6899AF)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6899AF
RGB	104, 153, 175
RGB Percent	41%, 60%, 69%
CMY	0.5922, 0.4000, 0.3137
CMYK	0.41, 0.13, 0.00, 0.31
HSL	199°, 31%, 55%
HSV	199°, 41%, 69%
XYZ	24.8380, 28.8207, 44.8113
YIQ	140.8570, -36.2660, -3.5460

# Conversions

## Conversions Part 2

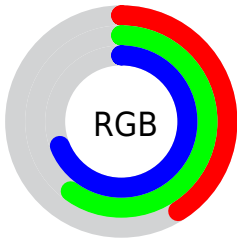
<b>Format</b>	<b>Color</b>
<b>RYB</b>	104, 133, 175
Decimal	6855087
CIELab	60.62, -10.61, -16.66
CIElCh	61, 19.748, 237.516
Yxy	28.8207, 0.2522, 0.2927
Android (android.graphics.Color)	4285045167 (0xFF6899AF)
YUV	140.8570, 16.8325, -32.3236
Hunter-Lab	53.6849, -11.3632, -11.9105

# Details

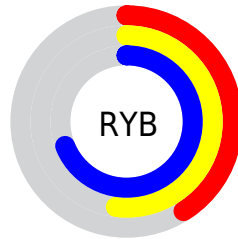
The Hex color **6899AF** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **AF7E68**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **9ECFE7**, and **33667B** is the 20% darker color. If you saturate the color by 10%, you get **5694AF**, and if you desaturate by 10%, it is **799EAF**.

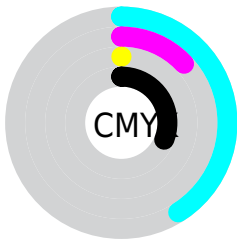
# Distribution



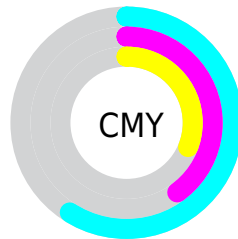
- Red (41%)
- Green (60%)
- Blue (69%)



- Red (41%)
- Yellow (52%)
- Blue (69%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (59%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6899AF 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 6899AF by changing the saturation by 10% instead.



■ 6899AF

■ 6899AF

FFFFFF

■ 4E7F94

■ 9ECFE7

■ 33667B

■ BAECFF

■ 164E62

■ D6FFFF

■ 00374A

■ F3FFFF

■ 002233

■ 00061E

■ 000001

■ 000000

■ 6899AF

■ 6899AF

5694AF

799EAF

458EAF

8BA4AF

3389AF

9CA9AF

2283AF

AEAFAF

107EAF

C0B4AF

0079AF

D1BAAF

E3BFAF

F4C4AF

FFCAAF

# Harmonies

## Analogous

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



619CA2



6899AF



7C94B5

# Triad

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



6899AF



B48694



8E9673

# Complementary

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



6899AF



AF7E68

# 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.



A19170



6899AF



B68783

# Square

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



6899AF



A789A5



AF8B75



7A9A7F

# Rectangle

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



6899AF



8B90B3



AF8B75



959471



# Sweetspot

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



6899AF



C8DBE3



68AF7D



636E73



F2F2F2



737373



# Same Dimension

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



6899AF



74C0E3



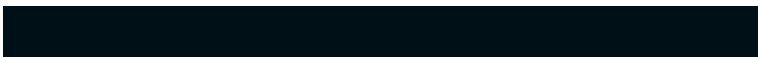
6876AF



4E5457



006896



001017



# Inverse Universe

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



AF6899



E374C0



AFA168



574E54



960068



170010



# Previews

## White Background



This preview shows how the Hex color 6899AF looks on a white background.

## Color Contrast Check

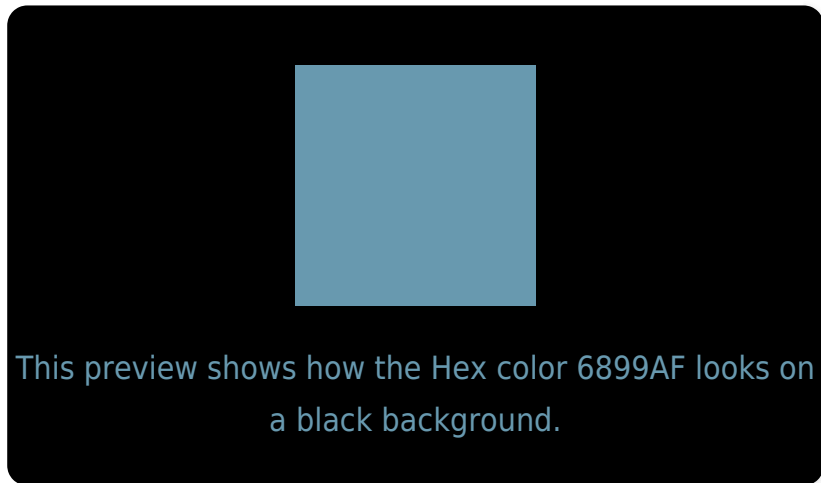
Large Text (above 18pt) WCAG AA ✓ Pass

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

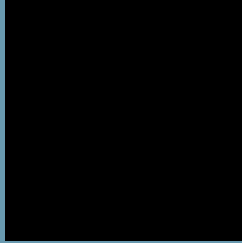
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6899AF Background



This preview shows how black text looks on a background with the Hex color 6899AF.



This preview shows how white text looks on a background with the Hex color 6899AF.

# 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](#).

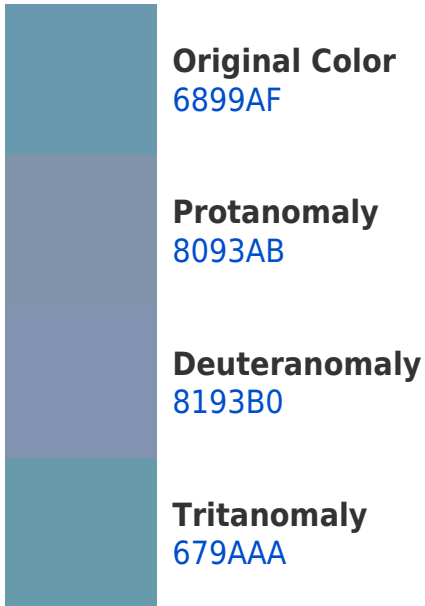
## Dichromacy



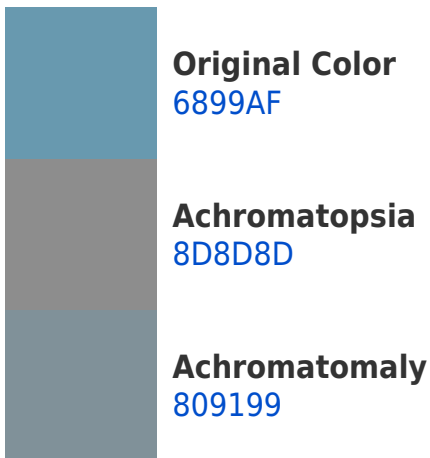


**Tritanopia**  
669AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6899AF 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 #6899AF looks like.

```
.text, #text, p{  
    color:#6899AF  
}
```

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 #6899AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6899AF
}
```

## Border

The CSS property to change the border of an element to Hex 6899AF is called "border". The border property can be set on classes, ids or directly on the HTML element.

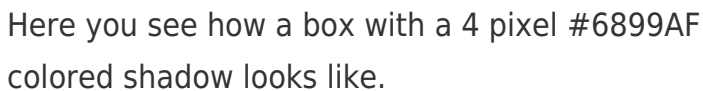
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6899AF }
```

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

```
.border{ border-color:#6899AF }
```

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



Here you see how a box with a 4 pixel #6899AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6899AF; -webkit-box-shadow:4px 4px  
4px 4px #6899AF; box-shadow:4px 4px 4px  
4px #6899AF }
```

# Background

The CSS property to change the background color of an element to Hex 6899AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6899AF }
```

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

```
.background{ background-color:#6899AF }
```

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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