

# Converting Colors

Hex(3B869D)

Have a look what the booklet for  
Hex(3B869D) contains.

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# Color

**Hex(3B869D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B869D
RGB	59, 134, 157
RGB Percent	23%, 53%, 62%
CMY	0.7686, 0.4745, 0.3843
CMYK	0.62, 0.15, 0.00, 0.38
HSL	194°, 45%, 42%
HSV	194°, 62%, 62%
XYZ	16.4145, 20.4143, 34.9735
YIQ	114.1970, -52.0830, -8.7470

# Conversions

## Conversions Part 2

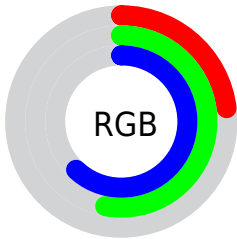
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 101, 157
Decimal	3901085
CIELab	52.30, -15.97, -19.21
CIElCh	52, 24.976, 230.264
Yxy	20.4143, 0.2286, 0.2843
Android (android.graphics.Color)	4282091165 (0xFF3B869D)
YUV	114.1970, 21.1019, -48.4078
Hunter-Lab	45.1822, -14.2205, -14.2662

# Details

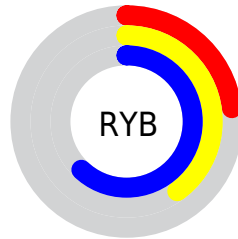
The Hex color **3B869D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9D523B**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **74BBD4**, and **00546A** is the 20% darker color. If you saturate the color by 10%, you get **2B829D**, and if you desaturate by 10%, it is **4B8A9D**.

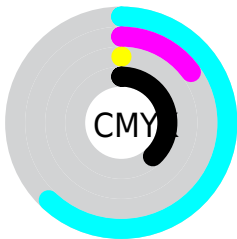
# Distribution



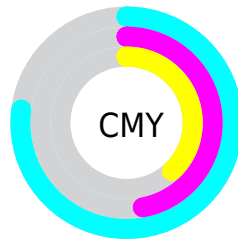
- Red (23%)
- Green (53%)
- Blue (62%)



- Red (23%)
- Yellow (40%)
- Blue (62%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (47%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B869D 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 3B869D by changing the saturation by 10% instead.



 3B869D

 3B869D

FFFFFF

 196D83

 74BBD4

 00546A

 90D7F0

 003D51

 ACF4FF

 00273A

 C9FFFF

 001125

 E6FFFF

 00010E

 000000

 3B869D

 3B869D

 2B829D

 4B8A9D

■ 1C7F9D

■ 5A8D9D

■ 0C7B9D

■ 6A919D

■ 00789D

■ 7A959D

■ 8A989D

■ 999C9D

■ A9A09D

■ B9A39D

■ C8A79D

# Harmonies

## Analogous

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



38888B



3B869D



5681A7

# Triad

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



3B869D



A26D85



7D8054

# Complementary

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



3B869D



9D523B

# 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.



927953



3B869D



A86D6F

# Square

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



3B869D



917298



A1725D



648561

# Rectangle

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



3B869D



6B7CA7



A1725D



847E52



# Sweetspot

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



3B869D



A5C3CC



3B9D52



4F6066



E6E6E6



666666



# Same Dimension

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



3B869D



33A8CC



3B559D



474D4F



006D8F



000C0F



# Inverse Universe

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



9D3B86



CC33A8



9D833B



4F474D



8F006D



0F000C



# Previews

## White Background



This preview shows how the Hex color 3B869D looks on a white background.

## Color Contrast Check

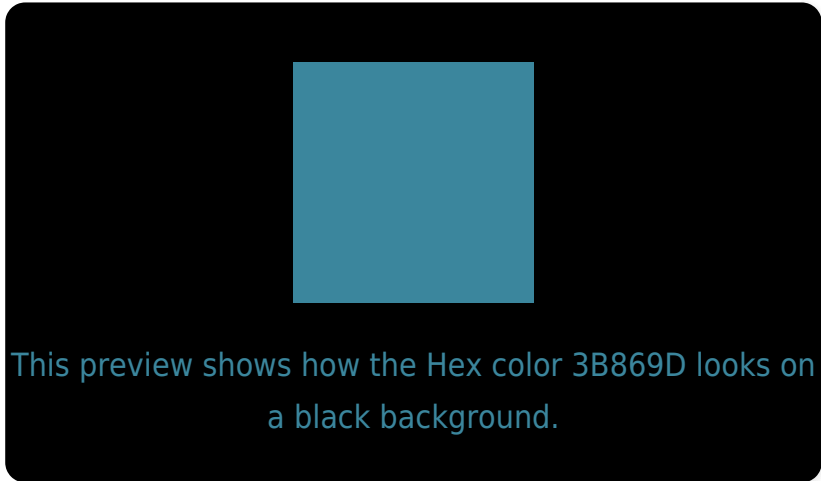
Large Text (above 18pt) WCAG AA ✓ Pass

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

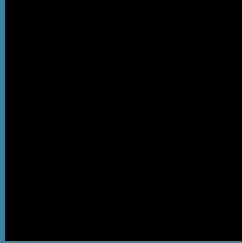
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3B869D Background



This preview shows how black text looks on a background with the Hex color 3B869D.

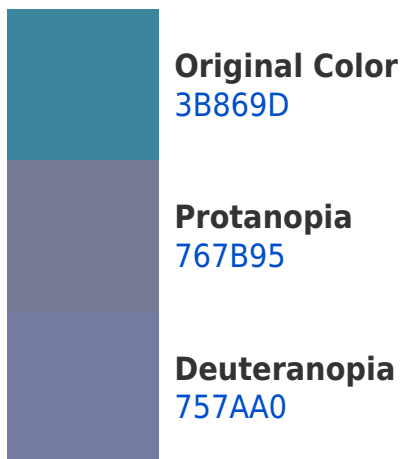


This preview shows how white text looks on a background with the Hex color 3B869D.

# 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](#).

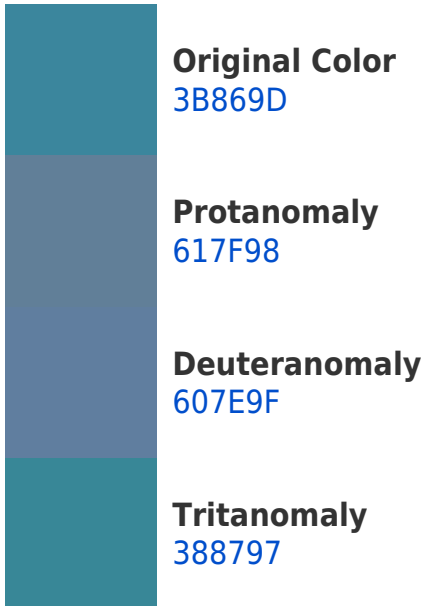
## Dichromacy





**Tritanopia**  
368893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B869D 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 #3B869D looks like.

```
.text, #text, p{  
    color:#3B869D  
}
```

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 #3B869D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B869D
}
```

## Border

The CSS property to change the border of an element to Hex 3B869D 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
#3B869D }
```

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

```
.border{ border-color:#3B869D }
```

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

Here you see how a box with a 4 pixel #3B869D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B869D; -webkit-box-shadow:4px 4px  
4px 4px #3B869D; box-shadow:4px 4px 4px  
4px #3B869D }
```

# Background

The CSS property to change the background color of an element to Hex 3B869D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B869D }
```

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

```
.background{ background-color:#3B869D }
```

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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