

# Converting Colors

Hex(3B6999)

Have a look what the booklet for  
Hex(3B6999) contains.

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# Color

**Hex(3B6999)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3B6999
RGB	59, 105, 153
RGB Percent	23%, 41%, 60%
CMY	0.7686, 0.5882, 0.4000
CMYK	0.61, 0.31, 0.00, 0.40
HSL	211°, 44%, 42%
HSV	211°, 61%, 60%
XYZ	12.6050, 13.3329, 32.0461
YIQ	96.7180, -42.8240, 5.1760

# Conversions

## Conversions Part 2

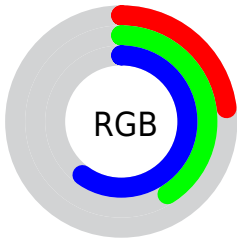
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 90, 153
Decimal	3893657
CIELab	43.26, -0.45, -30.86
CIELCh	43, 30.866, 269.156
Yxy	13.3329, 0.2174, 0.2299
Android (android.graphics.Color)	4282083737 (0xFF3B6999)
YUV	96.7180, 27.7470, -33.0787
Hunter-Lab	36.5142, -2.2803, -26.4750

# Details

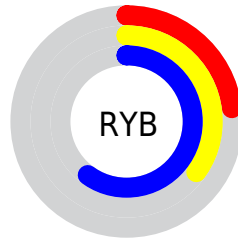
The Hex color **3B6999** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **996B3B**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **729CD0**, and **003A66** is the 20% darker color. If you saturate the color by 10%, you get **2C6199**, and if you desaturate by 10%, it is **4A7199**.

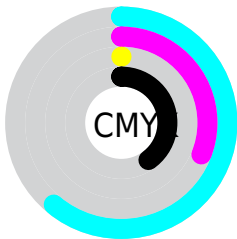
# Distribution



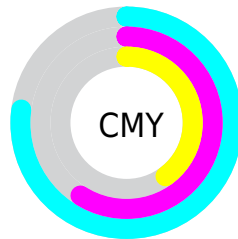
- Red (23%)
- Green (41%)
- Blue (60%)



- Red (23%)
- Yellow (35%)
- Blue (60%)



- Cyan (61%)
- Magenta (31%)
- Yellow (0%)
- Black (40%)



- Cyan (77%)
- Magenta (59%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6999 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 3B6999 by changing the saturation by 10% instead.



■ 3B6999

■ 3B6999

FFFFFF

■ 1C517F

■ 729CD0

■ 003A66

■ 8EB7EC

■ 00254D

■ AAD2FF

■ 001036

■ C6EFFF

■ 000220

■ E3FFFF

■ 000005

■ 000000

■ 3B6999

■ 3B6999

■ 2C6199

■ 4A7199

■ 1C5999

■ 5A7999

■ 0D5299

■ 698099

■ 004B99

■ 788899

■ 889099

■ 979899

■ A6A099

■ B5A899

■ C5AF99

# Harmonies

## Analogous

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



007091



3B6999



676093

# Triad

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



3B6999



96544F



3D714B

# Complementary

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



3B6999



996B3B

# 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.



5D6C38



3B6999



8B5B3B

# Square

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



3B6999



955168



776432



097365

# Rectangle

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



3B6999



7D5988



776432



487044



# Sweetspot

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



3B6999



A3B5C7



3B996A



4E5863



E3E3E3



636363



# Same Dimension

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



3B6999



347CC7



3B3B99



45494D



00458C



00060D



# Inverse Universe

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



993B69



C7347C



99993B



4D4549



8C0045



0D0006



# Previews

## White Background



This preview shows how the Hex color 3B6999 looks on a white background.

## Color Contrast Check

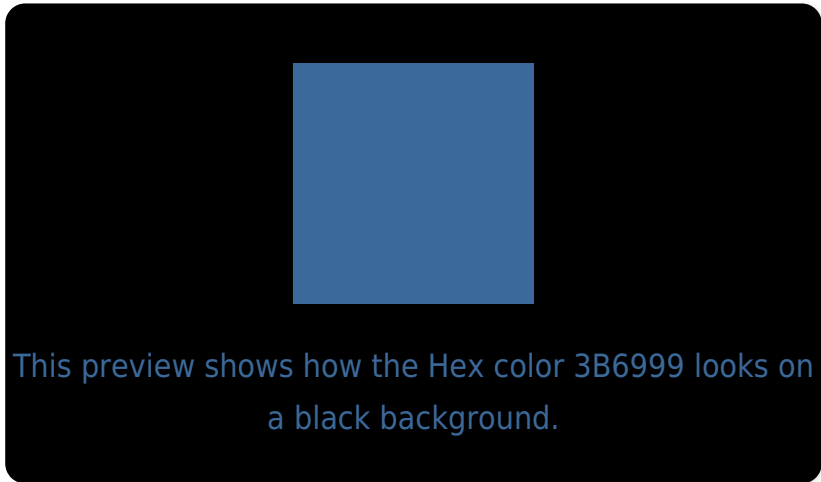
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 3B6999 Background



This preview shows how black text looks on a background with the Hex color 3B6999.

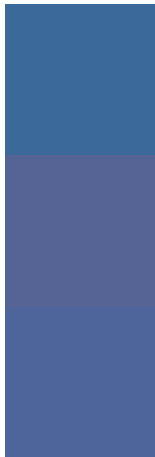


This preview shows how white text looks on a background with the Hex color 3B6999.

# 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



**Original Color**  
3B6999

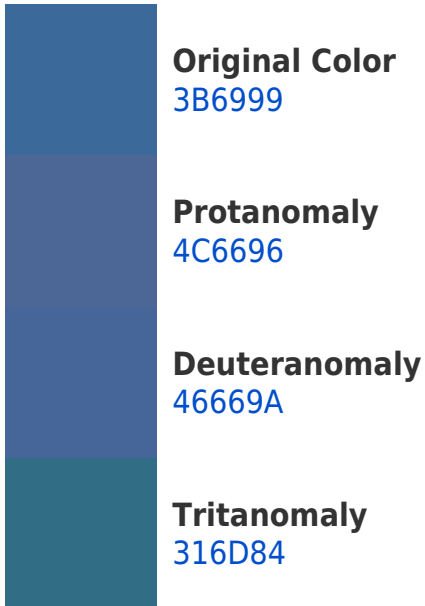
**Protanopia**  
566495

**Deuteranopia**  
4D659A



**Tritanopia**  
2C6F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6999 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 #3B6999 looks like.

```
.text, #text, p{  
    color:#3B6999  
}
```

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 #3B6999 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6999
}
```

## Border

The CSS property to change the border of an element to Hex 3B6999 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
#3B6999 }
```

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

```
.border{ border-color:#3B6999 }
```

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

Here you see how a box with a 4 pixel #3B6999 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6999; -webkit-box-shadow:4px 4px  
4px 4px #3B6999; box-shadow:4px 4px 4px  
4px #3B6999 }
```

# Background

The CSS property to change the background color of an element to Hex 3B6999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6999 }
```

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

```
.background{ background-color:#3B6999 }
```

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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