

# Converting Colors

Hex(3B3378)

Have a look what the booklet for  
Hex(3B3378) contains.

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# Color

**Hex(3B3378)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B3378
RGB	59, 51, 120
RGB Percent	23%, 20%, 47%
CMY	0.7686, 0.8000, 0.5294
CMYK	0.51, 0.58, 0.00, 0.53
HSL	247°, 40%, 34%
HSV	247°, 57%, 47%
XYZ	6.3776, 4.6535, 18.3314
YIQ	61.2580, -17.3810, 23.1550

# Conversions

## Conversions Part 2

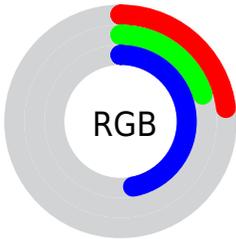
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 51, 120
Decimal	3879800
CIELab	25.72, 23.33, -38.50
CIELCh	26, 45.017, 301.220
Yxy	4.6535, 0.2172, 0.1585
Android (android.graphics.Color)	4282069880 (0xFF3B3378)
YUV	61.2580, 28.9598, -1.9803
Hunter-Lab	21.5720, 15.0213, -35.2828

# Details

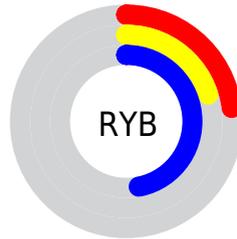
The Hex color **3B3378** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **707833**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6F62AD**, and **000847** is the 20% darker color. If you saturate the color by 10%, you get **302778**, and if you desaturate by 10%, it is **463F78**.

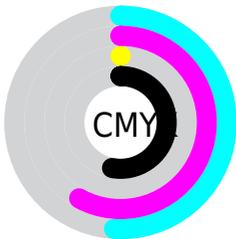
# Distribution



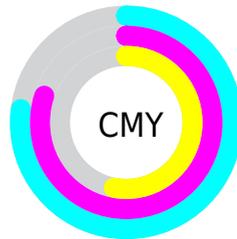
-  Red (23%)
-  Green (20%)
-  Blue (47%)



-  Red (23%)
-  Yellow (20%)
-  Blue (47%)



-  Cyan (51%)
-  Magenta (58%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (77%)
-  Magenta (80%)
-  Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B3378 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 3B3378 by changing the saturation by 10% instead.



3B3378



3B3378

FFFFFF



201E5F



6F62AD



000847



8A7BC8



000030



A594E5



00011A



C1AFFF



000000



DDCBFF



FBE7FF



3B3378



3B3378



302778



463F78

■ 261B78

■ 504B78

■ 1B0F78

■ 5B5778

■ 110378

■ 656378

■ 0E0078

■ 706F78

■ 7B7B78

■ 858778

■ 909378

■ 9A9F78

# Harmonies

## Analogous

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



004182



3B3378



66205E

# Triad

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



3B3378



642E00



004C3D

# Complementary

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



3B3378



707833

# 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.



004A19



3B3378



4B3C00

# Square

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



3B3378



751B1C



284500



004C60

# Rectangle

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



3B3378



741448



284500



004B31

# Sweetspot

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



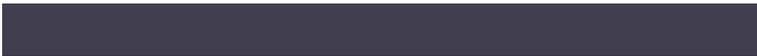
3B3378



84819C



337178



413F4F



CFCFCF



4F4F4F



# Same Dimension

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



3B3378



3D309C



5C3378



38373D



0E007D



1D00FC



# Inverse Universe

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



783370



9C308F



4F7833



3D373C



7D006E

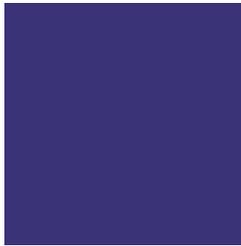


FC00DF



# Previews

## White Background



This preview shows how the Hex color 3B3378 looks on a white background.

## Color Contrast Check

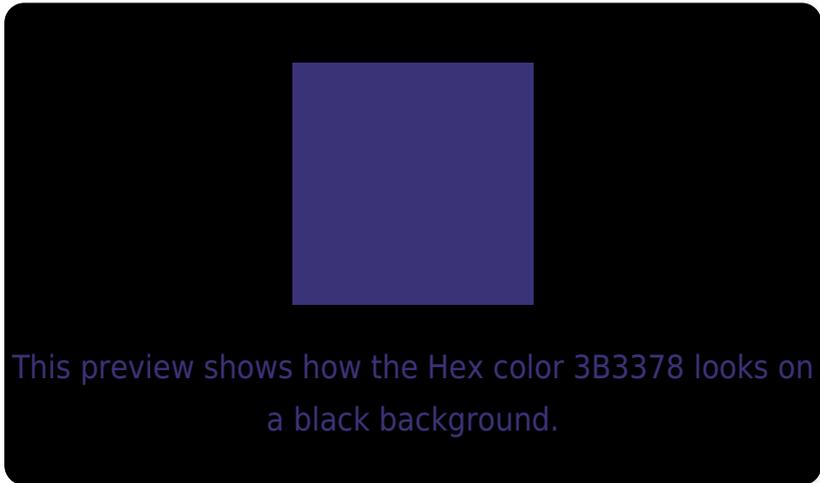
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

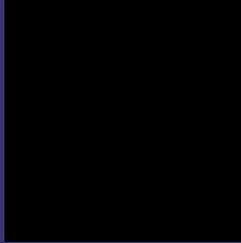
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

## Hex 3B3378 Background



This preview shows how black text looks on a background with the Hex color 3B3378.



This preview shows how white text looks on a background with the Hex color 3B3378.

# 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**  
3B3378

**Protanopia**  
003B7D

**Deuteranopia**  
003E6D



**Tritanopia**  
2B4046

# Trichromacy



**Original Color**  
3B3378

**Protanomaly**  
15387B

**Deuteranomaly**  
153A71

**Tritanomaly**  
313B58

# Monochromacy



**Original Color**  
3B3378

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3C3952

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B3378 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 #3B3378 looks like.

```
.text, #text, p{  
    color:#3B3378  
}
```

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 #3B3378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B3378
}
```

## Border

The CSS property to change the border of an element to Hex 3B3378 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
#3B3378 }
```

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

```
.border{ border-color:#3B3378 }
```

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

Here you see how a box with a 4 pixel #3B3378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B3378; -webkit-box-shadow:4px 4px  
4px 4px #3B3378; box-shadow:4px 4px 4px  
4px #3B3378 }
```

# Background

The CSS property to change the background color of an element to Hex 3B3378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B3378 }
```

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

```
.background{ background-color:#3B3378 }
```

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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