

# Converting Colors

Hex(3B0267)

Have a look what the booklet for  
Hex(3B0267) contains.

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**Color**

**Hex(3B0267)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B0267
RGB	59, 2, 103
RGB Percent	23%, 1%, 40%
CMY	0.7686, 0.9922, 0.5961
CMYK	0.43, 0.98, 0.00, 0.60
HSL	274°, 96%, 21%
HSV	274°, 98%, 40%
XYZ	4.2735, 1.9525, 12.9836
YIQ	30.5570, 1.5510, 43.4950

# Conversions

## Conversions Part 2

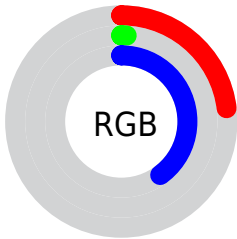
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 2, 103
Decimal	3867239
CIELab	15.24, 43.16, -44.59
CIELCh	15, 62.052, 314.067
Yxy	1.9525, 0.2225, 0.1016
Android (android.graphics.Color)	4282057319 (0xFF3B0267)
YUV	30.5570, 35.7144, 24.9445
Hunter-Lab	13.9732, 30.1390, -45.3099

# Details

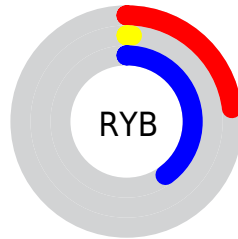
The Hex color **3B0267** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **2E6702**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **70389B**, and **000037** is the 20% darker color. If you saturate the color by 10%, you get **3A0067**, and if you desaturate by 10%, it is **3F0C67**.

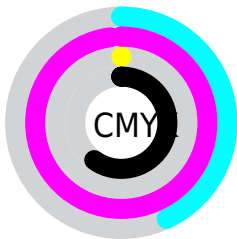
# Distribution



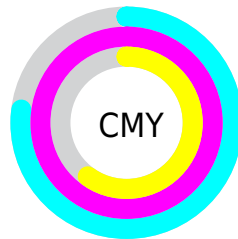
- Red (23%)
- Green (1%)
- Blue (40%)



- Red (23%)
- Yellow (1%)
- Blue (40%)



- Cyan (43%)
- Magenta (98%)
- Yellow (0%)
- Black (60%)



- Cyan (77%)
- Magenta (99%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B0267 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 3B0267 by changing the saturation by 10% instead.



 3B0267

 3B0267

 FFF3FF

 21004E

 70389B

 000037

 8B51B6

 000220

 A76AD2

 000005

 C384EF

 000000

 E09FFF

 FDBBFF

 FFD7FF

 3B0267

 3B0267

■ 3A0067

■ 3F0C67

■ 441767

■ 482167

■ 4D2B67

■ 513567

■ 564067

■ 5A4A67

■ 5F5467

■ 635F67

# Harmonies

## Analogous

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



00277F



3B0267



64003F

# Triad

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



3B0267



431B00



00363B

# Complementary

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



3B0267



2E6702

# 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.



00350A



3B0267



1D2B00

# Square

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



3B0267



5E0000



003100



003664

# Rectangle

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



3B0267



6C0023



003100



00362B



# Sweetspot

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



3B0267



766087



022F67



3A2D45



C4C4C4



454545



# Same Dimension

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



3B0267



4C0087



670262



312E33



410073



8900F2



# Inverse Universe

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



67022E



87003B



026707



332E30



730032

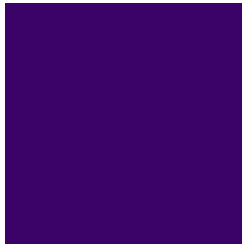


F2006A



# Previews

## White Background



This preview shows how the Hex color 3B0267 looks on a white background.

## Color Contrast Check

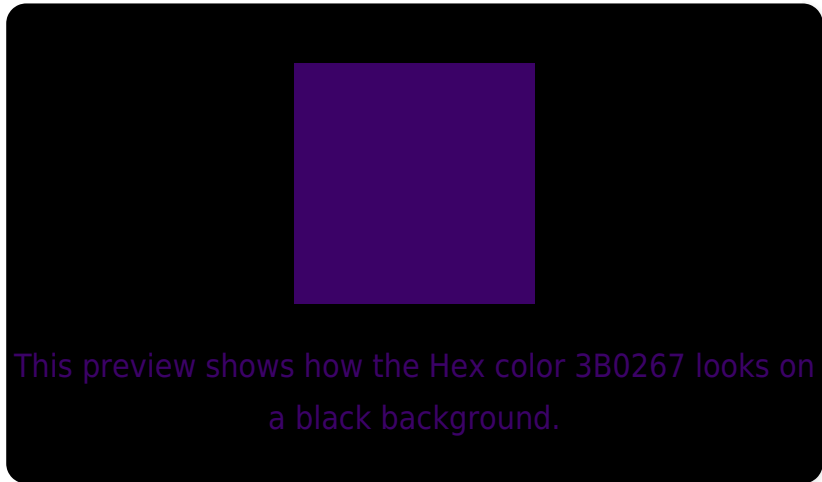
Large Text (above 18pt) WCAG AA ✓ Pass

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

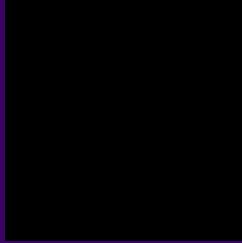
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B0267 Background



This preview shows how black text looks on a background with the Hex color 3B0267.



This preview shows how white text looks on a background with the Hex color 3B0267.

# 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**  
3B0267

**Protanopia**  
002855

**Deuteranopia**  
002B49



**Tritanopia**  
2E282B

# Trichromacy



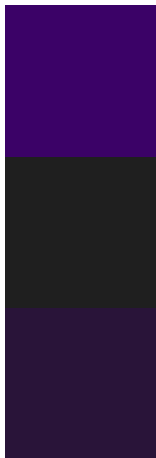
**Original Color**  
3B0267

**Protanomaly**  
151A5C

**Deuteranomaly**  
151C54

**Tritanomaly**  
331A41

# Monochromacy



**Original Color**  
3B0267

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
291439

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B0267 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 #3B0267 looks like.

```
.text, #text, p{  
    color:#3B0267  
}
```

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 #3B0267 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B0267
}
```

## Border

The CSS property to change the border of an element to Hex 3B0267 is called "border". The border property can be set on classes, ids or directly on the HTML element.

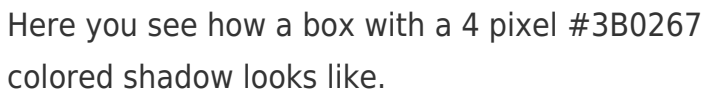
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3B0267 }
```

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

```
.border{ border-color:#3B0267 }
```

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



Here you see how a box with a 4 pixel #3B0267 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B0267; -webkit-box-shadow:4px 4px  
4px 4px #3B0267; box-shadow:4px 4px 4px  
4px #3B0267 }
```

# Background

The CSS property to change the background color of an element to Hex 3B0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B0267 }
```

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

```
.background{ background-color:#3B0267 }
```

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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