

# Converting Colors

Hex(3A073B)

Have a look what the booklet for  
Hex(3A073B) contains.

<b>Hex(3A073B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3A073B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A073B
RGB	58, 7, 59
RGB Percent	23%, 3%, 23%
CMY	0.7725, 0.9725, 0.7686
CMYK	0.02, 0.88, 0.00, 0.77
HSL	299°, 79%, 13%
HSV	299°, 88%, 23%
XYZ	2.6103, 1.3673, 4.2640
YIQ	28.1770, 13.7040, 26.9840

# Conversions

## Conversions Part 2

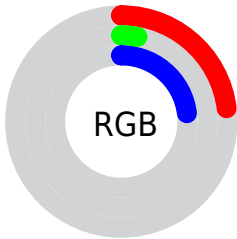
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 7, 59
Decimal	3802939
CIELab	11.74, 31.29, -20.09
CIELCh	12, 37.189, 327.295
Yxy	1.3673, 0.3167, 0.1659
Android (android.graphics.Color)	4281993019 (0xFF3A073B)
YUV	28.1770, 15.1957, 26.1548
Hunter-Lab	11.6930, 19.3851, -13.4357

# Details

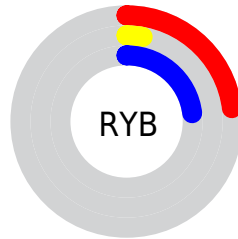
The Hex color **3A073B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **083B07**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **6B376B**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **3A013B**, and if you desaturate by 10%, it is **3A0D3B**.

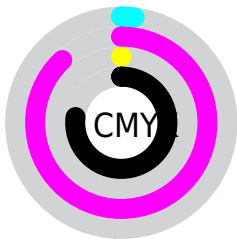
# Distribution



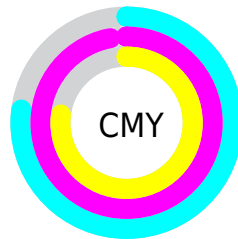
- Red (23%)
- Green (3%)
- Blue (23%)



- Red (23%)
- Yellow (3%)
- Blue (23%)



- Cyan (2%)
- Magenta (88%)
- Yellow (0%)
- Black (77%)



- Cyan (77%)
- Magenta (97%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A073B 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 3A073B by changing the saturation by 10% instead.



 3A073B

 3A073B

 FFF0FF

 260025

 6B376B

 00010E

 854F84

 000000

 A0689E

 BC82B9

 D89CD5

 F5B8F1

 FFD3FF

 3A073B

 3A073B

■ 3A013B

■ 3A0D3B

■ 3A003B

■ 3A133B

■ 3A193B

■ 3A1F3B

■ 3B253B

■ 3B2A3B

■ 3B303B

■ 3B363B

■ 3B3C3B

# Harmonies

## Analogous

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



12194D



3A073B



480022

# Triad

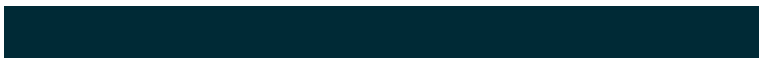
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



3A073B



2A1D00



002A36

# Complementary

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



3A073B



083B07

# 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.



002A1C



3A073B



112400

# Square

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



3A073B



3D1100



002800



00284A

# Rectangle

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



3A073B



4A0011



002800



002A2E



# Sweetspot

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



3A073B



4C394D



07093B



261A26



A6A6A6



262626



# Same Dimension

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



3A073B



4B004D



3B0723



1F1C1F



5D005E



DA00DE



# Inverse Universe

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



3B0708



4D0001



073B1F



1F1C1C



5E0002

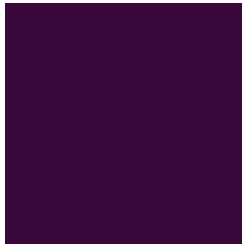


DE0004



# Previews

## White Background



This preview shows how the Hex color 3A073B looks on a white background.

## Color Contrast Check

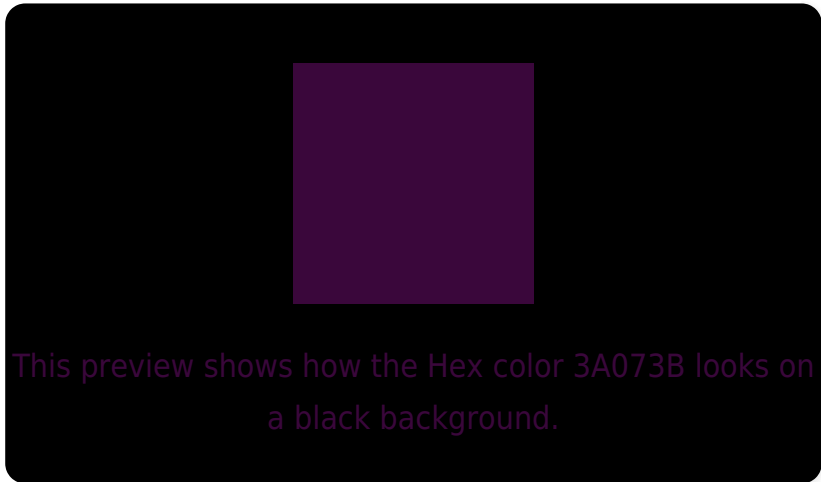
Large Text (above 18pt) WCAG AA ✓ Pass

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

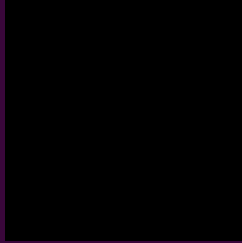
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3A073B Background



This preview shows how black text looks on a background with the Hex color 3A073B.



This preview shows how white text looks on a background with the Hex color 3A073B.

# 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**

3A073B

**Protanopia**

002145

**Deuteranopia**

142238



**Tritanopia**  
361819

# Trichromacy



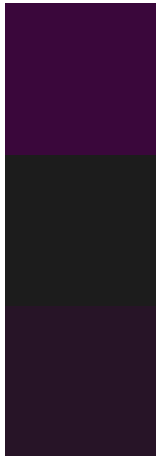
**Original Color**  
3A073B

**Protanomaly**  
151841

**Deuteranomaly**  
221839

**Tritanomaly**  
371225

# Monochromacy



**Original Color**  
3A073B

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
271427

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A073B 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 #3A073B looks like.

```
.text, #text, p{  
    color:#3A073B  
}
```

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 #3A073B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A073B
}
```

## Border

The CSS property to change the border of an element to Hex 3A073B is called "border". The border property can be set on classes, ids or directly on the HTML element.

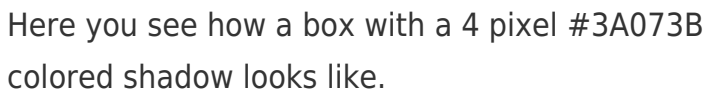
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A073B }
```

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

```
.border{ border-color:#3A073B }
```

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



Here you see how a box with a 4 pixel #3A073B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A073B; -webkit-box-shadow:4px 4px  
4px 4px #3A073B; box-shadow:4px 4px 4px  
4px #3A073B }
```

# Background

The CSS property to change the background color of an element to Hex 3A073B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A073B }
```

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

```
.background{ background-color:#3A073B }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor