

Converting Colors

Hex(33073A)

Have a look what the booklet for
Hex(33073A) contains.

Hex(33073A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(33073A)

Conversions

Conversions Part 1

Format	Color
Hex	33073A
RGB	51, 7, 58
RGB Percent	20%, 3%, 23%
CMY	0.8000, 0.9725, 0.7725
CMYK	0.12, 0.88, 0.00, 0.77
HSL	292°, 78%, 13%
HSV	292°, 88%, 23%
XYZ	2.2049, 1.1613, 4.1109
YIQ	25.9700, 9.8530, 25.1890

Conversions

Conversions Part 2

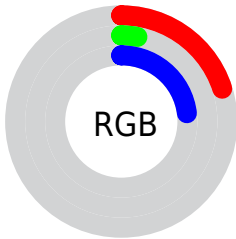
Format	Color
RYB	51, 7, 58
Decimal	3344186
CIELab	10.27, 29.38, -21.80
CIElCh	10, 36.583, 323.414
Yxy	1.1613, 0.2949, 0.1553
Android (android.graphics.Color)	4281534266 (0xFF33073A)
YUV	25.9700, 15.7908, 21.9513
Hunter-Lab	10.7761, 17.6652, -15.0748




Details

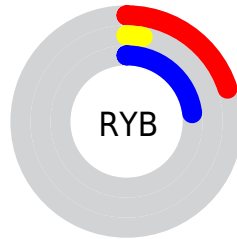
The Hex color **33073A** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E3A07**, and the grayscale version is **1A1A1A**.



A 20% lighter version of the original color is **64366A**, and **00000C** is the 20% darker color. If you saturate the color by 10%, you get **32013A**, and if you desaturate by 10%, it is **340D3A**.

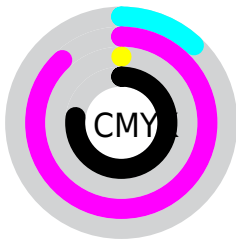
Distribution







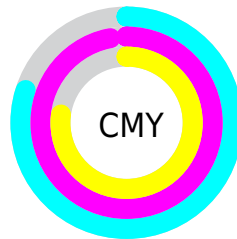
-  Red (20%)
-  Green (3%)
-  Blue (23%)






-  Red (20%)
-  Yellow (3%)
-  Blue (23%)



-  Cyan (12%)
-  Magenta (88%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (80%)
-  Magenta (97%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 33073A 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 33073A by changing the saturation by 10% instead.

 33073A

 33073A

 FFEDFF

 210025

 64366A

 00000C

 7D4E83

 000000

 98669D

 B380B8

 CF9AD4

 EBB5F0

 FFD1FF

 33073A

 33073A

■ 32013A

■ 340D3A

■ 32003A

■ 35133A

■ 35183A

■ 361E3A

■ 37243A

■ 382A3A

■ 39303A

■ 39353A

■ 3A3B3A

Harmonies

Analogous

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



01184A



33073A



430023

Triad

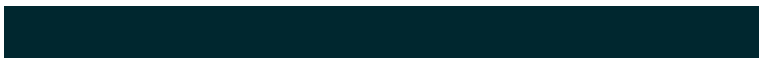
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33073A



291900



00272F

Complementary

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



33073A



0E3A07

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.



002715



33073A



112000

Square

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



33073A



3A0C00



002500



002544

Rectangle

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



33073A



450012



002500



002727

Sweetspot

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



33073A



4A394D



070F3A



251A26



A6A6A6



262626

Same Dimension

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



33073A



42004D



3A0728



1C191C



4F005C



BD00DB

Inverse Universe

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



3A070E



4D000A



073A19



1C191A



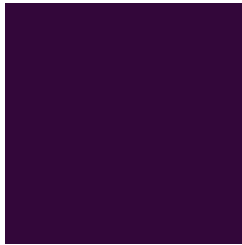
5C000D



DB001E

Previews

White Background



This preview shows how the Hex color 33073A looks on a white background.

Color Contrast Check

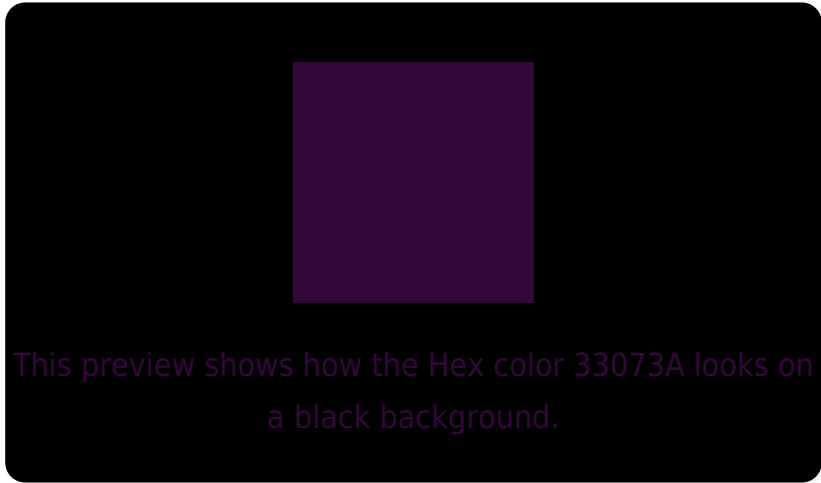
Large Text (above 18pt) WCAG AA ✓ Pass

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

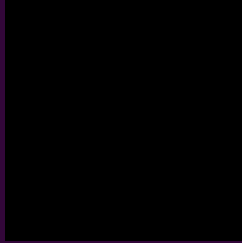
Any Text WCAG AA × Fail

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 33073A Background



This preview shows how black text looks on a background with the Hex color 33073A.



This preview shows how white text looks on a background with the Hex color 33073A.

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](#).

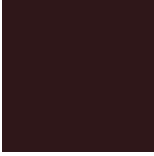
Dichromacy



Original Color
33073A

Protanopia
001E3F

Deuteranopia
081F37



Tritanopia
2F1719

Trichromacy



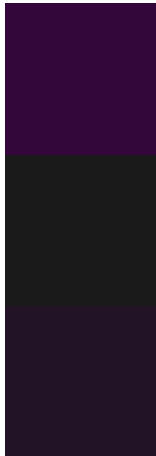
Original Color
33073A

Protanomaly
13163D

Deuteranomaly
181638

Tritanomaly
301125

Monochromacy



Original Color
33073A

Achromatopsia
1A1A1A

Achromatomaly
231326

CSS Examples

Text

The CSS property to change the color of the text to Hex 33073A 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 #33073A looks like.

```
.text, #text, p{  
    color:#33073A  
}
```

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 #33073A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #33073A
}
```

Border

The CSS property to change the border of an element to Hex 33073A 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".

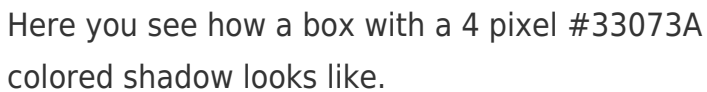
```
.border, #border, table{ border:4px solid
#33073A }
```

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

```
.border{ border-color:#33073A }
```

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

Here you see how a box with a 4 pixel #33073A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #33073A; -webkit-box-shadow:4px 4px  
4px 4px #33073A; box-shadow:4px 4px 4px  
4px #33073A }
```

Background

The CSS property to change the background color of an element to Hex 33073A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#33073A }
```

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

```
.background{ background-color:#33073A }
```

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