

Converting Colors

Hex(3A093E)

Have a look what the booklet for
Hex(3A093E) contains.

Hex(3A093E)	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(3A093E)

Conversions

Conversions Part 1

Format	Color
Hex	3A093E
RGB	58, 9, 62
RGB Percent	23%, 4%, 24%
CMY	0.7725, 0.9647, 0.7569
CMYK	0.06, 0.85, 0.00, 0.76
HSL	295°, 75%, 14%
HSV	295°, 85%, 24%
XYZ	2.7121, 1.4427, 4.6930
YIQ	29.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

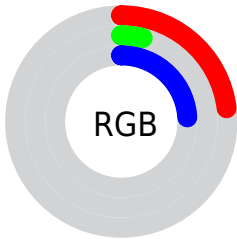
Format	Color
R_{YB}	58, 9, 62
Decimal	3803454
CIE _{Lab}	12.24, 31.07, -21.43
CIE _{LCh}	12, 37.745, 325.398
Yxy	1.4427, 0.3065, 0.1631
Android (android.graphics.Color)	4281993534 (0xFF3A093E)
YUV	29.6930, 15.9274, 24.8252
Hunter-Lab	12.0113, 19.2849, -14.7574

Details

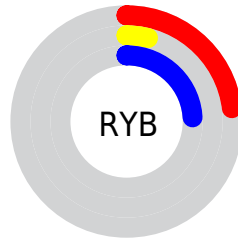
The Hex color **3A093E** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0D3E09**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6B396E**, and **000112** is the 20% darker color. If you saturate the color by 10%, you get **3A033E**, and if you desaturate by 10%, it is **3A0F3E**.

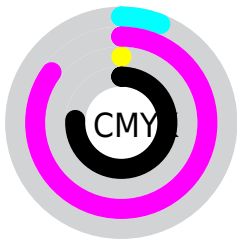
Distribution



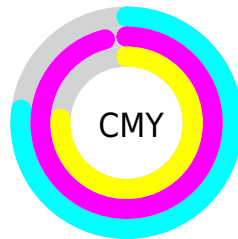
- Red (23%)
- Green (4%)
- Blue (24%)



- Red (23%)
- Yellow (4%)
- Blue (24%)



- Cyan (6%)
- Magenta (85%)
- Yellow (0%)
- Black (76%)



- Cyan (77%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A093E 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 3A093E by changing the saturation by 10% instead.

■ 3A093E

■ 3A093E

■ FFF2FF

■ 250028

■ 6B396E

■ 000112

■ 855187

■ 000000

■ A06AA2

■ BC84BD

■ D89ED9

■ F4B9F5

■ FFD5FF

■ 3A093E

■ 3A093E

■ 3A033E

■ 3A0F3E

■ 39003E

■ 3B153E

■ 3B1C3E

■ 3C223E

■ 3C283E

■ 3D2E3E

■ 3D343E

■ 3E3B3E

■ 3E413E

Harmonies

Analogous

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



0D1B50



3A093E



4A0025

Triad

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



3A093E



2C1E00



002B36

Complementary

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



3A093E



0D3E09

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.



002B1B



3A093E



142500

Square

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



3A093E



3F1100



002900



00294B

Rectangle

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



3A093E



4C0014



002900



002B2D

Sweetspot

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



3A093E



503C52



090D3E



281C29



A8A8A8



292929

Same Dimension

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



3A093E



4B0052



3E0928



1E1C1F



57005E



CD00DE

Inverse Universe

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



3E090D



520006



093E1F



1F1C1C



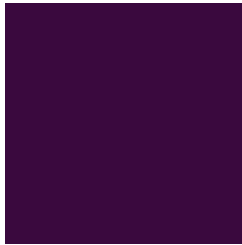
5E0007



DE0011

Previews

White Background



This preview shows how the Hex color 3A093E looks on a white background.

Color Contrast Check

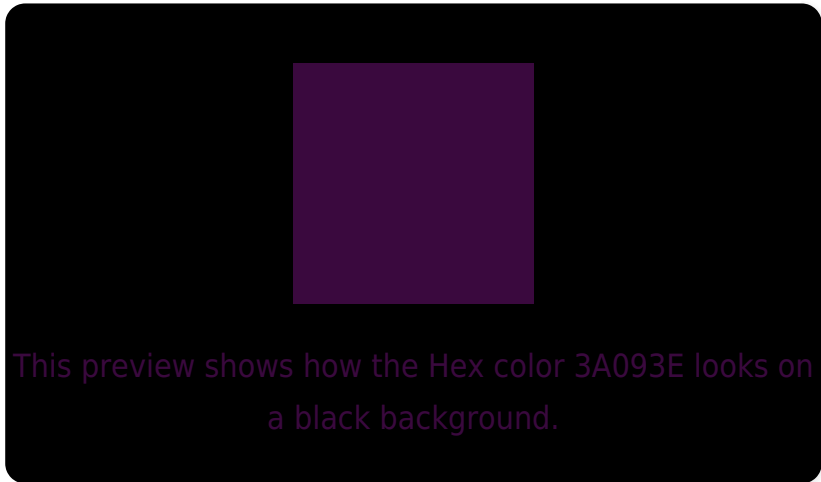
Large Text (above 18pt) WCAG AA ✓ Pass

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

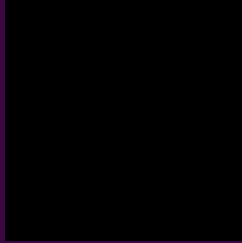
Any Text WCAG AA × Fail

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 3A093E Background



This preview shows how black text looks on a background with the Hex color 3A093E.



This preview shows how white text looks on a background with the Hex color 3A093E.

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](#).

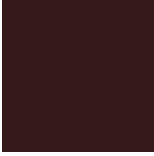
Dichromacy



Original Color
3A093E

Protanopia
002146

Deuteranopia
11233A



Tritanopia
36191B

Trichromacy



Original Color
3A093E

Protanomaly
151843

Deuteranomaly
201A3B

Tritanomaly
371328

Monochromacy



Original Color
3A093E

Achromatopsia
1E1E1E

Achromatomaly
28162A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3A093E 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 #3A093E looks like.

```
.text, #text, p{  
    color:#3A093E  
}
```

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 #3A093E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A093E
}
```

Border

The CSS property to change the border of an element to Hex 3A093E is called "border". The border property can be set on classes, ids or directly on the HTML element.

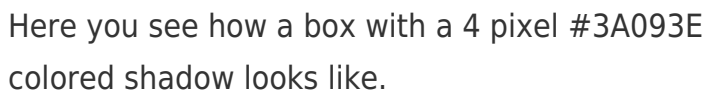
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3A093E }
```

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

```
.border{ border-color:#3A093E }
```

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



Here you see how a box with a 4 pixel #3A093E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A093E; -webkit-box-shadow:4px 4px  
4px 4px #3A093E; box-shadow:4px 4px 4px  
4px #3A093E }
```

Background

The CSS property to change the background color of an element to Hex 3A093E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A093E }
```

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

```
.background{ background-color:#3A093E }
```

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