

Converting Colors

Hex(0A0A3C)

Have a look what the booklet for
Hex(0A0A3C) contains.

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Color

Hex(0A0A3C)

Conversions

Conversions Part 1

Format	Color
Hex	0A0A3C
RGB	10, 10, 60
RGB Percent	4%, 4%, 24%
CMY	0.9608, 0.9608, 0.7647
CMYK	0.83, 0.83, 0.00, 0.76
HSL	240°, 71%, 14%
HSV	240°, 83%, 24%
XYZ	1.0493, 0.6079, 4.3370
YIQ	15.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

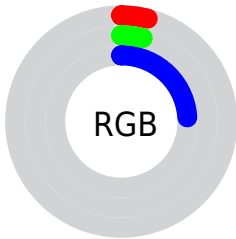
Format	Color
R_{YB}	10, 10, 60
Decimal	657980
CIE Lab	5.49, 18.70, -31.25
CIE LCh	5, 36.418, 300.898
Yxy	0.6079, 0.1751, 0.1014
Android (android.graphics.Color)	4278848060 (0xFF0A0A3C)
YUV	15.7000, 21.8399, -4.9989
Hunter-Lab	7.7965, 10.3803, -27.5238

Details

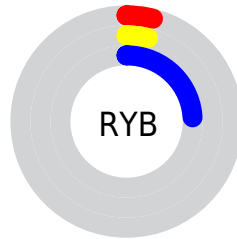
The Hex color **0A0A3C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3C3C0A**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3C356C**, and **00010F** is the 20% darker color. If you saturate the color by 10%, you get **04043C**, and if you desaturate by 10%, it is **10103C**.

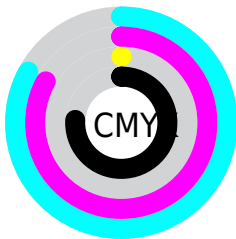
Distribution



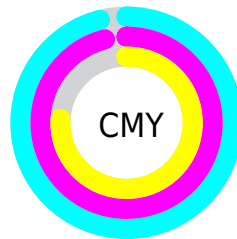
- Red (4%)
- Green (4%)
- Blue (24%)



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



- Cyan (83%)
- Magenta (83%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0A3C 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 0A0A3C by changing the saturation by 10% instead.

0A0A3C

0A0A3C

F9E9FF

000226

3C356C

00010F

554B86

000000

6F63A0

897CBB

A496D7

C0B1F4

DCCCFF

0A0A3C

0A0A3C

■ 04043C

■ 10103C

■ 00003C

■ 16163C

■ 1C1C3C

■ 22223C

■ 28283C

■ 2E2E3C

■ 34343C

■ 3A3A3C

■ 40403C

Harmonies

Analogous

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



001643



0A0A3C



2E002A

Triad

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



0A0A3C



2B0500



001C12

Complementary

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



0A0A3C



3C3C0A

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.



001C00



0A0A3C



181200

Square

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



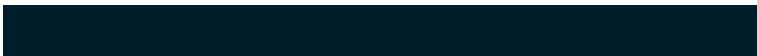
0A0A3C



360000



001A00



001D2B

Rectangle

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



0A0A3C



37001B



001A00



001C05

Sweetspot

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



0A0A3C



3B3B4F



0A3C3C



1D1D29



A8A8A8



292929

Same Dimension

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



0A0A3C



00004F



230A3C



1C1C1F



00005E



0000DE

Inverse Universe

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



3C0A3C



4F004F



233C0A



1F1C1F



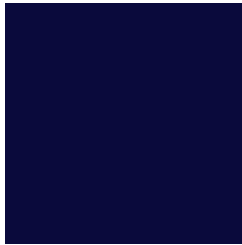
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 0A0A3C looks on a white background.

Color Contrast Check

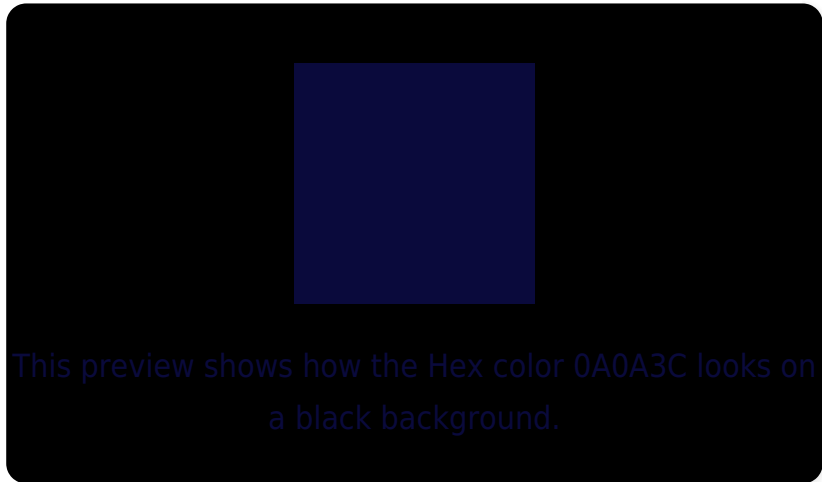
Large Text (above 18pt) WCAG AA ✓ Pass

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

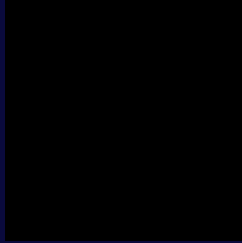
Any Text WCAG AA × Fail

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 0A0A3C Background



This preview shows how black text looks on a background with the Hex color 0A0A3C.



This preview shows how white text looks on a background with the Hex color 0A0A3C.

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
0A0A3C

Protanopia
001329

Deuteranopia
001523



Tritanopia
001617

Trichromacy



Original Color

0A0A3C

Protanomaly

041030

Deuteranomaly

04112C

Tritanomaly

041224

Monochromacy



Original Color

0A0A3C

Achromatopsia

101010

Achromatomaly

0E0E20

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0A3C 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 #0A0A3C looks like.

```
.text, #text, p{  
    color:#0A0A3C  
}
```

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 #0A0A3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0A3C
}
```

Border

The CSS property to change the border of an element to Hex 0A0A3C is called "border". The border property can be set on classes, ids or directly on the HTML element.

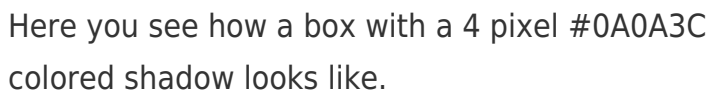
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A0A3C }
```

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

```
.border{ border-color:#0A0A3C }
```

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



Here you see how a box with a 4 pixel #0A0A3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0A3C; -webkit-box-shadow:4px 4px  
4px 4px #0A0A3C; box-shadow:4px 4px 4px  
4px #0A0A3C }
```

Background

The CSS property to change the background color of an element to Hex 0A0A3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0A3C }
```

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

```
.background{ background-color:#0A0A3C }
```

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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