

Converting Colors

Hex(0A0A33)

Have a look what the booklet for
Hex(0A0A33) contains.

Hex(0A0A33)	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(0A0A33)

Conversions

Conversions Part 1

Format	Color
Hex	0A0A33
RGB	10, 10, 51
RGB Percent	4%, 4%, 20%
CMY	0.9608, 0.9608, 0.8000
CMYK	0.80, 0.80, 0.00, 0.80
HSL	240°, 67%, 12%
HSV	240°, 80%, 20%
XYZ	0.8313, 0.5206, 3.1886
YIQ	14.6740, -13.1610, 12.7510

Conversions

Conversions Part 2

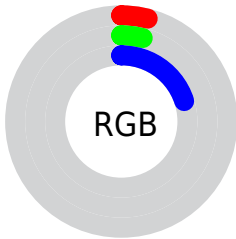
Format	Color
RYB	10, 10, 51
Decimal	657971
CIELab	4.70, 13.78, -25.95
CIELCh	5, 29.384, 297.968
Yxy	0.5206, 0.1831, 0.1147
Android (android.graphics.Color)	4278848051 (0xFF0A0A33)
YUV	14.6740, 17.9087, -4.0991
Hunter-Lab	7.2155, 7.9370, -21.1505

Details

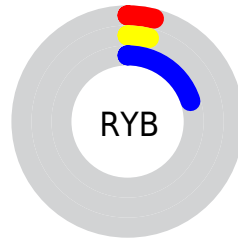
The Hex color **0A0A33** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **33330A**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **393562**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **050533**, and if you desaturate by 10%, it is **0F0F33**.

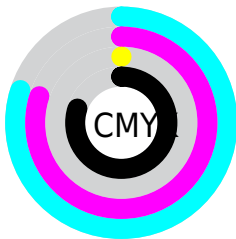
Distribution



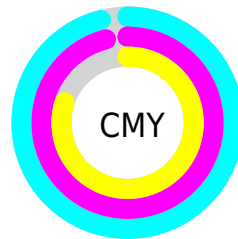
- Red (4%)
- Green (4%)
- Blue (20%)



- Red (4%)
- Yellow (4%)
- Blue (20%)



- Cyan (80%)
- Magenta (80%)
- Yellow (0%)
- Black (80%)



- Cyan (96%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0A0A33 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 0A0A33 by changing the saturation by 10% instead.

0A0A33

0A0A33

F2E9FF

00021D

393562

000000

514C7B

6A6495

847DB0

9E97CB

B9B2E7

D5CDFF

0A0A33

0A0A33

■ 050533

■ 0F0F33

■ 000033

■ 141433

■ 191933

■ 1E1E33

■ 242433

■ 292933

■ 2E2E33

■ 333333

■ 383833

Harmonies

Analogous

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



001437



0A0A33



260026

Triad

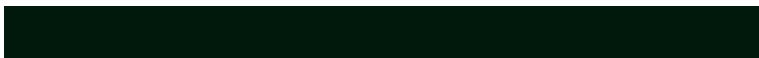
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0A0A33



270400



00190D

Complementary

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



0A0A33



33330A

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.



001900



0A0A33



180F00

Square

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



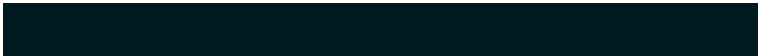
0A0A33



300000



001600



001A22

Rectangle

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



0A0A33



2E001A



001600



001901

Sweetspot

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



0A0A33



323242



0A3333



181821



A1A1A1



212121

Same Dimension

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



0A0A33



030342



1F0A33



17171A



000059



0000D9

Inverse Universe

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



330A33



420342



1F330A



1A171A



590059



D900D9

Previews

White Background



This preview shows how the Hex color 0A0A33 looks on a white background.

Color Contrast Check

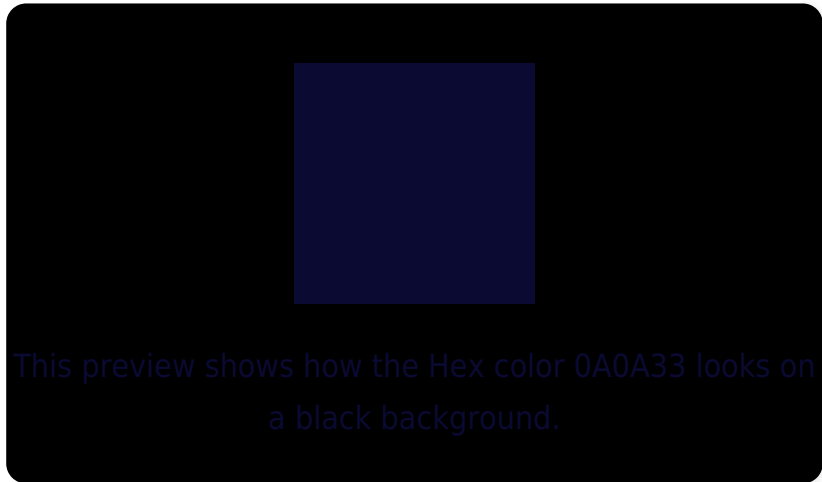
Large Text (above 18pt) WCAG AA ✓ Pass

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

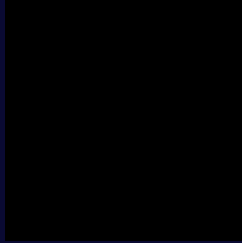
Any Text WCAG AA × Fail

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 0A0A33 Background



This preview shows how black text looks on a background with the Hex color 0A0A33.



This preview shows how white text looks on a background with the Hex color 0A0A33.

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


0A0A33

Protanopia

001124

Deuteranopia

00121F



Tritanopia
001415

Trichromacy



Original Color

0A0A33

Protanomaly

040E29

Deuteranomaly

040F26

Tritanomaly

041020

Monochromacy



Original Color

0A0A33

Achromatopsia

0F0F0F

Achromatomaly

0D0D1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0A0A33 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 #0A0A33 looks like.

```
.text, #text, p{  
    color:#0A0A33  
}
```

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 #0A0A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A0A33
}
```

Border

The CSS property to change the border of an element to Hex 0A0A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

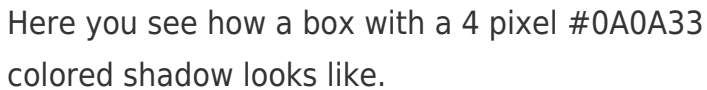
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0A0A33 }
```

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

```
.border{ border-color:#0A0A33 }
```

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



Here you see how a box with a 4 pixel #0A0A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A0A33; -webkit-box-shadow:4px 4px  
4px 4px #0A0A33; box-shadow:4px 4px 4px  
4px #0A0A33 }
```

Background

The CSS property to change the background color of an element to Hex 0A0A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A0A33 }
```

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

```
.background{ background-color:#0A0A33 }
```

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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