

Converting Colors

Hex(0D0A33)

Have a look what the booklet for
Hex(0D0A33) contains.

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Color

Hex(0D0A33)

Conversions

Conversions Part 1

Format	Color
Hex	0D0A33
RGB	13, 10, 51
RGB Percent	5%, 4%, 20%
CMY	0.9490, 0.9608, 0.8000
CMYK	0.75, 0.80, 0.00, 0.80
HSL	244°, 67%, 12%
HSV	244°, 80%, 20%
XYZ	0.8721, 0.5417, 3.1906
YIQ	15.5710, -11.3730, 13.3870

Conversions

Conversions Part 2

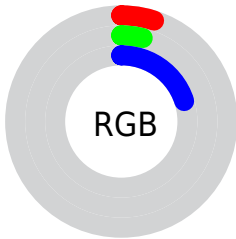
Format	Color
R_{YB}	13, 10, 51
Decimal	854579
CIE _{Lab}	4.89, 14.62, -25.64
CIE _{LCh}	5, 29.512, 299.693
Yxy	0.5417, 0.1894, 0.1176
Android (android.graphics.Color)	4279044659 (0xFF0D0A33)
YUV	15.5710, 17.4665, -2.2548
Hunter-Lab	7.3598, 8.2709, -20.5511

Details

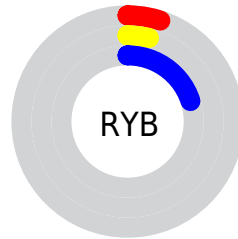
The Hex color **0D0A33** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **30330A**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **3B3562**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080533**, and if you desaturate by 10%, it is **120F33**.

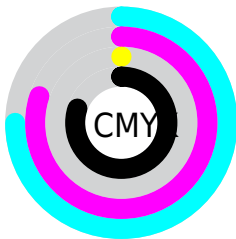
Distribution



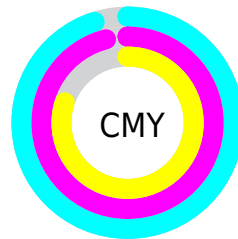
- Red (5%)
- Green (4%)
- Blue (20%)



- Red (5%)
- Yellow (4%)
- Blue (20%)



- Cyan (75%)
- Magenta (80%)
- Yellow (0%)
- Black (80%)



- Cyan (95%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D0A33 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 0D0A33 by changing the saturation by 10% instead.

0D0A33

0D0A33

F5E9FF

00021D

3B3562

000000

534C7B

6C6495

867DB0

A197CB

BCB1E7

D8CDFF

0D0A33

0D0A33

■ 080533

■ 120F33

■ 040033

■ 161433

■ 1B1933

■ 201E33

■ 252433

■ 292933

■ 2E2E33

■ 333333

■ 383833

Harmonies

Analogous

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



001438



0D0A33



270025

Triad

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



0D0A33



270500



001A10

Complementary

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



0D0A33



30330A

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.



001A00



0D0A33



171000

Square

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



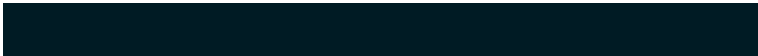
0D0A33



300000



001700



001B24

Rectangle

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



0D0A33



2F0019



001700



001A04

Sweetspot

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



0D0A33



343242



0A3033



181821



A1A1A1



212121

Same Dimension

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



0D0A33



070342



210A33



17171A



070059



1000D9

Inverse Universe

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



330A30



42033E



1C330A



1A1719



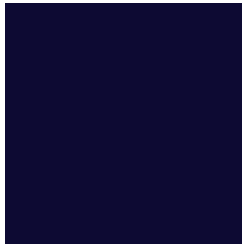
590053



D900C9

Previews

White Background



This preview shows how the Hex color 0D0A33 looks on a white background.

Color Contrast Check

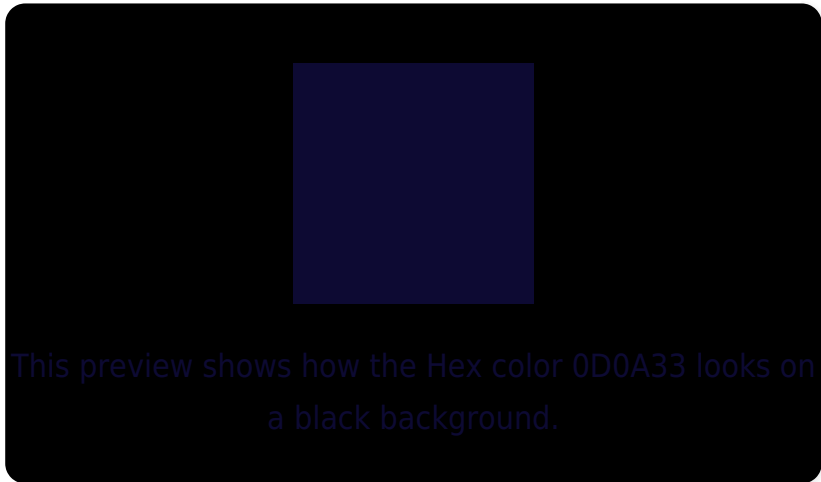
Large Text (above 18pt) WCAG AA ✓ Pass

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

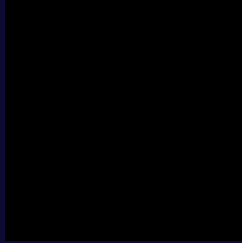
Any Text WCAG AA × Fail

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 0D0A33 Background



This preview shows how black text looks on a background with the Hex color 0D0A33.



This preview shows how white text looks on a background with the Hex color 0D0A33.

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
0D0A33

Protanopia
001225

Deuteranopia
00131F

Trichromacy



Original Color
OD0A33

Protanomaly
050F2A

Deuteranomaly
051026

Tritanomaly
051020

Monochromacy



Original Color
OD0A33

Achromatopsia
101010

Achromatomaly
0F0E1D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D0A33 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 #0D0A33 looks like.

```
.text, #text, p{  
    color:#0D0A33  
}
```

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 #0D0A33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D0A33
}
```

Border

The CSS property to change the border of an element to Hex 0D0A33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

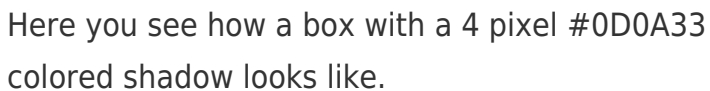
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0D0A33 }
```

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

```
.border{ border-color:#0D0A33 }
```

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



Here you see how a box with a 4 pixel #0D0A33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D0A33; -webkit-box-shadow:4px 4px  
4px 4px #0D0A33; box-shadow:4px 4px 4px  
4px #0D0A33 }
```

Background

The CSS property to change the background color of an element to Hex 0D0A33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D0A33 }
```

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

```
.background{ background-color:#0D0A33 }
```

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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