

Converting Colors

Hex(0D002B)

Have a look what the booklet for
Hex(0D002B) contains.

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Color

Hex(0D002B)

Conversions

Conversions Part 1

Format	Color
Hex	0D002B
RGB	13, 0, 43
RGB Percent	5%, 0%, 17%
CMY	0.9490, 1.0000, 0.8314
CMYK	0.70, 1.00, 0.00, 0.83
HSL	258°, 100%, 8%
HSV	258°, 100%, 17%
XYZ	0.6020, 0.2600, 2.3040
YIQ	8.7890, -6.0550, 16.1290

Conversions

Conversions Part 2

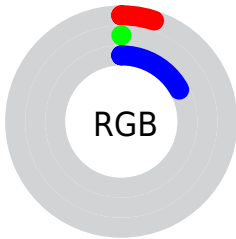
Format	Color
R_YB	13, 0, 43
Decimal	852011
CIE Lab	2.35, 14.54, -23.68
CIE LCh	2, 27.790, 301.546
Yxy	0.2600, 0.1902, 0.0821
Android (android.graphics.Color)	4279042091 (0xFF0D002B)
YUV	8.7890, 16.8660, 3.6930
Hunter-Lab	5.0989, 12.1526, -23.2214

Details

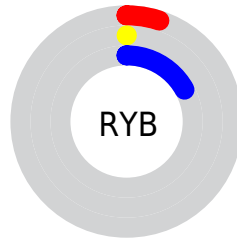
The Hex color **0D002B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1E2B00**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **373059**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D002B**, and if you desaturate by 10%, it is **10042B**.

Distribution



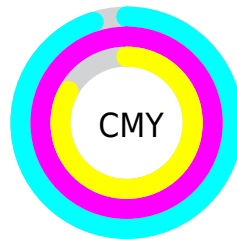
- Red (5%)
- Green (0%)
- Blue (17%)



- Red (5%)
- Yellow (0%)
- Blue (17%)



- Cyan (70%)
- Magenta (100%)
- Yellow (0%)
- Black (83%)



- Cyan (95%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0D002B 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 0D002B by changing the saturation by 10% instead.

 0D002B

 0D002B

 EFE2FF


 000115

 373059

 000000

 4F4671

 685E8B

 8176A5

 9C90C1

 B7AADD

 D3C6F9

 0D002B

■ 10042B

■ 13092B

■ 160D2B

■ 19112B

■ 1C162B

■ 1F1A2B

■ 221E2B

■ 25222B

■ 28272B

Harmonies

Analogous

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



000B30



0D002B



23001E

Triad

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



0D002B



200000



00100A

Complementary

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



0D002B



1E2B00

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.



000F00



0D002B



0B0900

Square

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



0D002B



2A0000



000F00



00111F

Rectangle

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



0D002B



2A0012



000F00

Sweetspot

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



0D002B



2C2738



001E2B



15121C



9C9C9C



1C1C1C

Same Dimension

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



0D002B



110038



22002B



131214



190054



4000D4

Inverse Universe

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



2B001E



380027



092B00



141214



54003B



D40094

Previews

White Background



This preview shows how the Hex color 0D002B looks on a white background.

Color Contrast Check

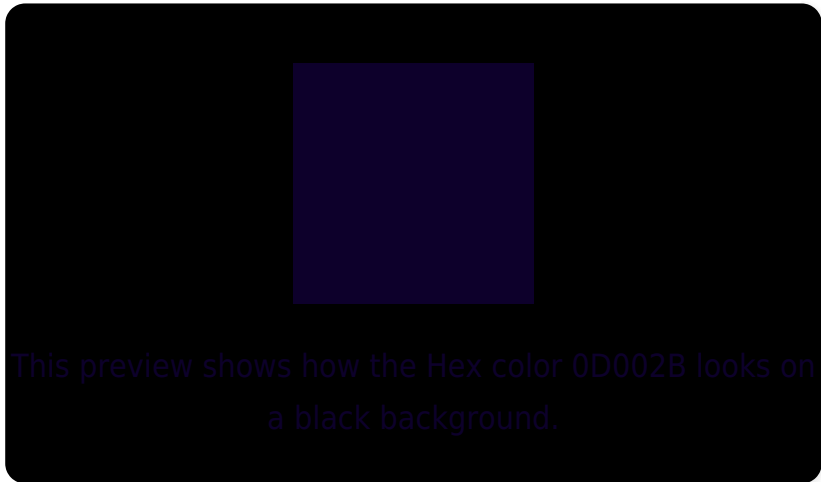
Large Text (above 18pt) WCAG AA ✓ Pass

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

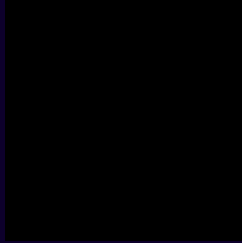
Any Text WCAG AA × Fail

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 0D002B Background



This preview shows how black text looks on a background with the Hex color 0D002B.



This preview shows how white text looks on a background with the Hex color 0D002B.

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
0D002B

Protanopia
000E1D

Deuteranopia
000F19



Tritanopia
001011

Trichromacy



Original Color
0D002B

Protanomaly
050922

Deuteranomaly
050A20

Tritanomaly
050A1A

Monochromacy



Original Color
0D002B

Achromatopsia
090909

Achromatomaly
0A0615

CSS Examples

Text

The CSS property to change the color of the text to Hex 0D002B 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 #0D002B looks like.

```
.text, #text, p{  
    color:#0D002B  
}
```

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 #0D002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0D002B
}
```

Border

The CSS property to change the border of an element to Hex 0D002B 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
#0D002B }
```

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

```
.border{ border-color:#0D002B }
```

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

Here you see how a box with a 4 pixel #0D002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0D002B; -webkit-box-shadow:4px 4px  
4px 4px #0D002B; box-shadow:4px 4px 4px  
4px #0D002B }
```

Background

The CSS property to change the background color of an element to Hex 0D002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0D002B }
```

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

```
.background{ background-color:#0D002B }
```

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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