

Converting Colors

Hex(0C003D)

Have a look what the booklet for
Hex(0C003D) contains.

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Color

Hex(0C003D)

Conversions

Conversions Part 1

Format	Color
Hex	0C003D
RGB	12, 0, 61
RGB Percent	5%, 0%, 24%
CMY	0.9529, 1.0000, 0.7608
CMYK	0.80, 1.00, 0.00, 0.76
HSL	252°, 100%, 12%
HSV	252°, 100%, 24%
XYZ	0.9939, 0.4151, 4.4426
YIQ	10.5420, -12.4290, 21.5150

Conversions

Conversions Part 2

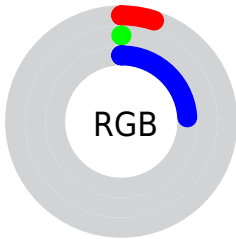
Format	Color
RYB	12, 0, 61
Decimal	786493
CIELab	3.75, 24.21, -34.80
CIElCh	4, 42.396, 304.827
Yxy	0.4151, 0.1699, 0.0709
Android (android.graphics.Color)	4278976573 (0xFF0C003D)
YUV	10.5420, 24.8758, 1.2787
Hunter-Lab	6.4427, 16.2627, -36.3739

Details

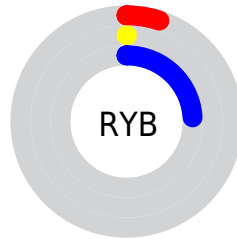
The Hex color **0C003D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **313D00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3E2D6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **0C003D**, and if you desaturate by 10%, it is **11063D**.

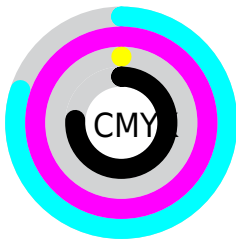
Distribution



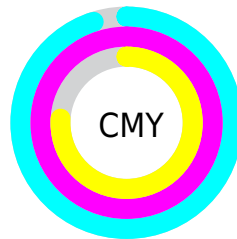
- Red (5%)
- Green (0%)
- Blue (24%)



- Red (5%)
- Yellow (0%)
- Blue (24%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (100%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0C003D 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 0C003D by changing the saturation by 10% instead.

 0C003D

 0C003D

 FBE0FF

 000326

 3E2D6D

 000110

 574487

 000000

 705CA1

 8B75BD

 A68ED9

 C2A9F5

 DEC4FF

 0C003D

■ 11063D

■ 160C3D

■ 1B123D

■ 20183D

■ 251F3D

■ 29253D

■ 2E2B3D

■ 33313D

■ 38373D

Harmonies

Analogous

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



001147



0C003D



310027

Triad

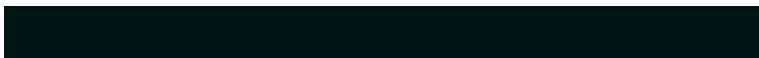
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C003D



270000



001613

Complementary

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



0C003D



313D00

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.



001600



0C003D



0C0F00

Square

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



0C003D



350000



001600



00182E

Rectangle

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



0C003D



390015



001600



001604

Sweetspot

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



0C003D



3C374F



00323D



1D1A29



A8A8A8



292929

Same Dimension

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



0C003D



10004F



2A003D



1C1C1F



13005E



2C00DE

Inverse Universe

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



3D0031



4F003F



133D00



1F1C1E



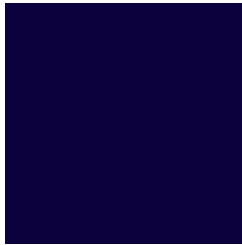
5E004C



DE00B2

Previews

White Background



This preview shows how the Hex color 0C003D looks on a white background.

Color Contrast Check

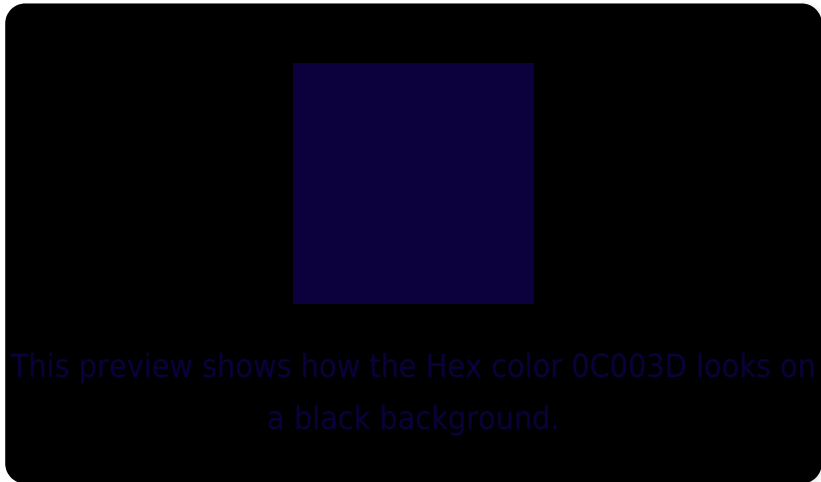
Large Text (above 18pt) WCAG AA ✓ Pass

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

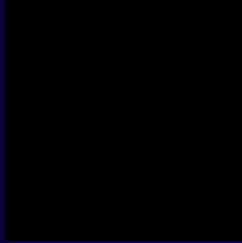
Any Text WCAG AA × Fail

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 0C003D Background



This preview shows how black text looks on a background with the Hex color 0C003D.



This preview shows how white text looks on a background with the Hex color 0C003D.

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
0C003D

Protanopia
001227

Deuteranopia
001421



Tritanopia
001516

Trichromacy



Original Color
0C003D

Protanomaly
040B2F

Deuteranomaly
040D2B

Tritanomaly
040D24

Monochromacy



Original Color
0C003D

Achromatopsia
0B0B0B

Achromatomaly
0B071D

CSS Examples

Text

The CSS property to change the color of the text to Hex 0C003D 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 #0C003D looks like.

```
.text, #text, p{  
    color:#0C003D  
}
```

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 #0C003D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C003D
}
```

Border

The CSS property to change the border of an element to Hex 0C003D 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
#0C003D }
```

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

```
.border{ border-color:#0C003D }
```

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

Here you see how a box with a 4 pixel #0C003D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C003D; -webkit-box-shadow:4px 4px  
4px 4px #0C003D; box-shadow:4px 4px 4px  
4px #0C003D }
```

Background

The CSS property to change the background color of an element to Hex 0C003D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C003D }
```

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

```
.background{ background-color:#0C003D }
```

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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