

Converting Colors

Hex(000B3D)

Have a look what the booklet for
Hex(000B3D) contains.

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Color

Hex(000B3D)

Conversions

Conversions Part 1

Format	Color
Hex	000B3D
RGB	0, 11, 61
RGB Percent	0%, 4%, 24%
CMY	1.0000, 0.9569, 0.7608
CMYK	1.00, 0.82, 0.00, 0.76
HSL	229°, 100%, 12%
HSV	229°, 100%, 24%
XYZ	0.9620, 0.5763, 4.4754
YIQ	13.4110, -22.6060, 13.2180

Conversions

Conversions Part 2

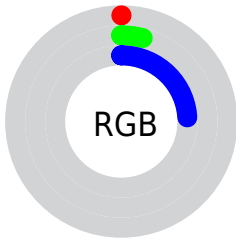
Format	Color
R_{YB}	0, 9, 61
Decimal	2877
CIE Lab	5.21, 16.75, -32.46
CIE LCh	5, 36.529, 297.297
Yxy	0.5763, 0.1600, 0.0958
Android (android.graphics.Color)	4278192957 (0xFF000B3D)
YUV	13.4110, 23.4614, -11.7614
Hunter-Lab	7.5912, 9.3353, -29.6406

Details

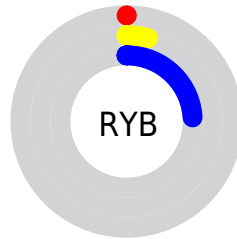
The Hex color **000B3D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D3200**, and the grayscale version is **0D0D0D**.

A 20% lighter version of the original color is **36366D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **000B3D**, and if you desaturate by 10%, it is **06103D**.

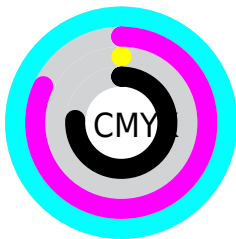
Distribution



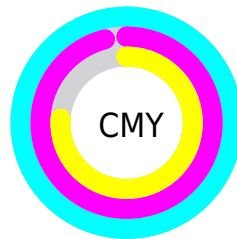
- Red (0%)
- Green (4%)
- Blue (24%)



- Red (0%)
- Yellow (4%)
- Blue (24%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (96%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000B3D 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 000B3D by changing the saturation by 10% instead.

000B3D

000B3D

F2E9FF

000327

36366D

000110

4F4C87

000000

6964A1

837DBC

9E97D8

B9B2F5

D5CDFF

000B3D

■ 06103D

■ 0C153D

■ 121A3D

■ 181F3D

■ 1F243D

■ 25293D

■ 2B2E3D

■ 31333D

■ 37383D

Harmonies

Analogous

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



001642



000B3D



2B002C

Triad

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



000B3D



2C0200



001B0D

Complementary

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



000B3D



3D3200

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.



001B00



000B3D



1A1000

Square

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



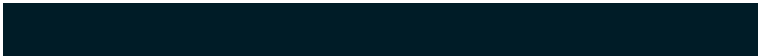
000B3D



370000



001900



001C27

Rectangle

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



000B3D



35001D



001900



001B00

Sweetspot

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



000B3D



373C4F



003D32



1A1D29



A8A8A8



292929

Same Dimension

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



000B3D



000E4F



13003D



1C1C1F



00115E



0028DE

Inverse Universe

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



3D000B



4F000E



2A3D00



1F1C1C



5E0011



DE0028

Previews

White Background



This preview shows how the Hex color 000B3D looks on a white background.

Color Contrast Check

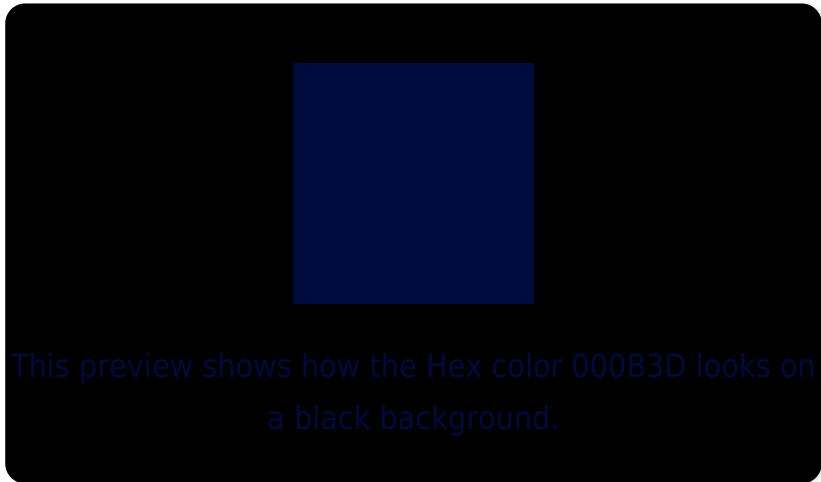
Large Text (above 18pt) WCAG AA ✓ Pass

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

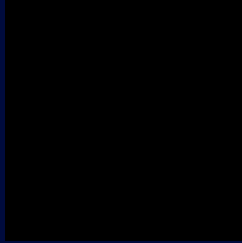
Any Text WCAG AA × Fail

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 000B3D Background



This preview shows how black text looks on a background with the Hex color 000B3D.



This preview shows how white text looks on a background with the Hex color 000B3D.

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
000B3D

Protanopia
001429

Deuteranopia
001523



Tritanopia
001718

Trichromacy



Original Color
000B3D

Protanomaly
001130

Deuteranomaly
00112C

Tritanomaly
001325

Monochromacy



Original Color
000B3D

Achromatopsia
0D0D0D

Achromatomaly
080C1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 000B3D 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 #000B3D looks like.

```
.text, #text, p{  
    color:#000B3D  
}
```

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 #000B3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000B3D
}
```

Border

The CSS property to change the border of an element to Hex 000B3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

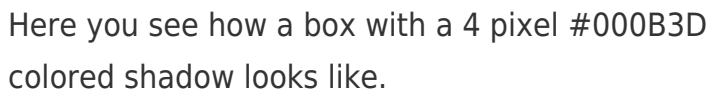
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000B3D }
```

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

```
.border{ border-color:#000B3D }
```

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



Here you see how a box with a 4 pixel #000B3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000B3D; -webkit-box-shadow:4px 4px  
4px 4px #000B3D; box-shadow:4px 4px 4px  
4px #000B3D }
```

Background

The CSS property to change the background color of an element to Hex 000B3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000B3D }
```

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

```
.background{ background-color:#000B3D }
```

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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