

Converting Colors

Hex(000B51)

Have a look what the booklet for
Hex(000B51) contains.

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Color

Hex(000B51)

Conversions

Conversions Part 1

Format	Color
Hex	000B51
RGB	0, 11, 81
RGB Percent	0%, 4%, 32%
CMY	1.0000, 0.9569, 0.6824
CMYK	1.00, 0.86, 0.00, 0.68
HSL	232°, 100%, 16%
HSV	232°, 100%, 32%
XYZ	1.6049, 0.8334, 7.8609
YIQ	15.6910, -29.0260, 19.4380

Conversions

Conversions Part 2

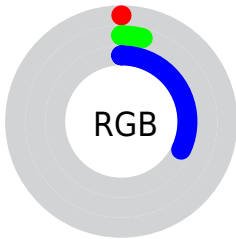
Format	Color
RYB	0, 10, 81
Decimal	2897
CIELab	7.53, 26.86, -42.71
CIELCh	8, 50.456, 302.163
Yxy	0.8334, 0.1558, 0.0809
Android (android.graphics.Color)	4278192977 (0xFF000B51)
YUV	15.6910, 32.1973, -13.7610
Hunter-Lab	9.1292, 15.4034, -44.6622

Details

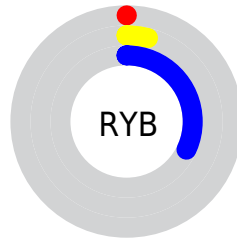
The Hex color **000B51** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **514600**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **403583**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **000B51**, and if you desaturate by 10%, it is **081251**.

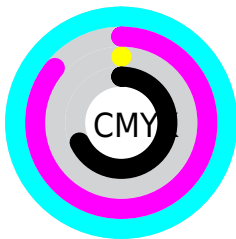
Distribution



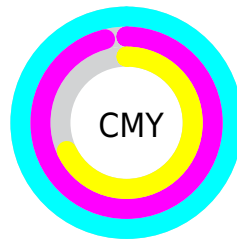
- Red (0%)
- Green (4%)
- Blue (32%)



- Red (0%)
- Yellow (4%)
- Blue (32%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (68%)



- Cyan (100%)
- Magenta (96%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000B51 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 000B51 by changing the saturation by 10% instead.

 000B51

 000B51

 FFEAFF

 00003A

 403583

 000223

 5A4C9E

 00000A

 7564B9

 000000

 907DD5

 AC97F2

 C8B2FF

 E5CEFF

 000B51

■ 081251

■ 101951

■ 182051

■ 202751

■ 292E51

■ 313551

■ 393C51

■ 414351

■ 494A51

Harmonies

Analogous

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



001C5C



000B51



3D0037

Triad

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



000B51



350400



002218

Complementary

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



000B51



514600

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.



002200



000B51



1C1700

Square

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



000B51



460000



002000



00243A

Rectangle

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



000B51



480021



002000



002209

Sweetspot

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



000B51



494D69



005145



222536



B5B5B5



363636

Same Dimension

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



000B51



000E69



1C0051



252529



0020E8

Inverse Universe

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



51000B



69000E



355100



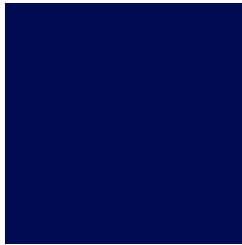
292525



E80020

Previews

White Background



This preview shows how the Hex color 000B51 looks on a white background.

Color Contrast Check

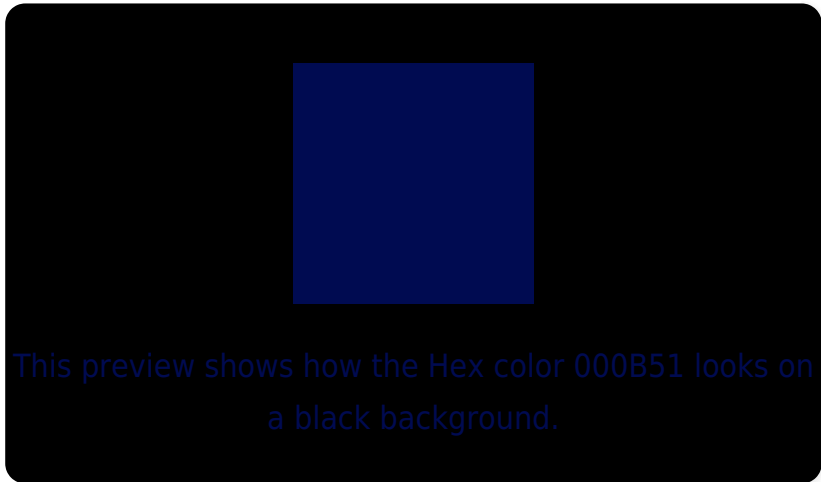
Large Text (above 18pt) WCAG AA ✓ Pass

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

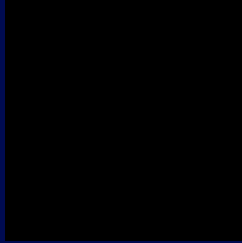
Any Text WCAG AA × Fail

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 000B51 Background



This preview shows how black text looks on a background with the Hex color 000B51.



This preview shows how white text looks on a background with the Hex color 000B51.

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
000B51

Protanopia
001934

Deuteranopia
001B2C

Trichromacy



Original Color

000B51

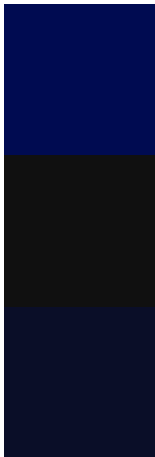
Protanomaly

00143F

Deuteranomaly

001539

Monochromacy



Original Color

000B51

Achromatopsia

101010

Achromatomaly

0A0E28

CSS Examples

Text

The CSS property to change the color of the text to Hex 000B51 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 #000B51 looks like.

```
.text, #text, p{  
    color:#000B51  
}
```

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 #000B51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000B51
}
```

Border

The CSS property to change the border of an element to Hex 000B51 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
#000B51 }
```

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

```
.border{ border-color:#000B51 }
```

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

Here you see how a box with a 4 pixel #000B51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000B51; -webkit-box-shadow:4px 4px  
4px 4px #000B51; box-shadow:4px 4px 4px  
4px #000B51 }
```

Background

The CSS property to change the background color of an element to Hex 000B51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000B51 }
```

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

```
.background{ background-color:#000B51 }
```

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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