

Converting Colors

Hex(000A51)

Have a look what the booklet for
Hex(000A51) contains.

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Color

Hex(000A51)

Conversions

Conversions Part 1

Format	Color
Hex	000A51
RGB	0, 10, 81
RGB Percent	0%, 4%, 32%
CMY	1.0000, 0.9608, 0.6824
CMYK	1.00, 0.88, 0.00, 0.68
HSL	233°, 100%, 16%
HSV	233°, 100%, 32%
XYZ	1.5937, 0.8112, 7.8572
YIQ	15.1040, -28.7510, 19.9610

Conversions

Conversions Part 2

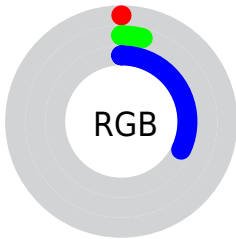
Format	Color
R_{YB}	0, 9, 81
Decimal	2641
CIE Lab	7.33, 27.43, -43.05
CIE LCh	7, 51.042, 302.505
Yxy	0.8112, 0.1553, 0.0790
Android (android.graphics.Color)	4278192721 (0xFF000A51)
YUV	15.1040, 32.4867, -13.2462
Hunter-Lab	9.0065, 15.8253, -45.4195

Details

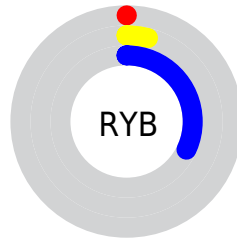
The Hex color **000A51** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **514700**, and the grayscale version is **0F0F0F**.

A 20% lighter version of the original color is **403483**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **000A51**, and if you desaturate by 10%, it is **081151**.

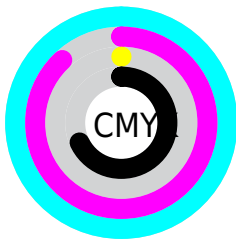
Distribution



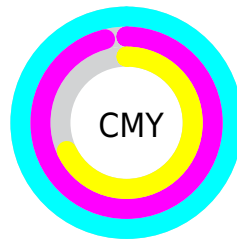
- Red (0%)
- Green (4%)
- Blue (32%)



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



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (68%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 000A51 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 000A51 by changing the saturation by 10% instead.

 000A51

 000A51

 FFE9FF

 00003A

 403483

 000223

 5A4B9E

 00000A

 7563B9

 000000

 907CD5

 AC96F2

 C8B1FF

 E5CDFF

 000A51

■ 081151

■ 101851

■ 181F51

■ 202651

■ 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



000A51



3D0036

Triad

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



000A51



340400



002218

Complementary

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



000A51



514700

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.



002100



000A51



1B1600

Square

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



000A51



460000



002000



00233A

Rectangle

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



000A51



480020



002000



002109

Sweetspot

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



000A51



494D69



005146



222536



B5B5B5



363636

Same Dimension

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



000A51



000D69



1E0051



252529



001DE8

Inverse Universe

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



51000A



69000D



335100



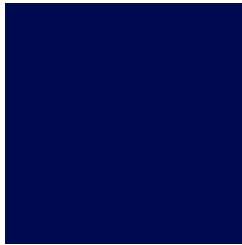
292525



E8001D

Previews

White Background



This preview shows how the Hex color 000A51 looks on a white background.

Color Contrast Check

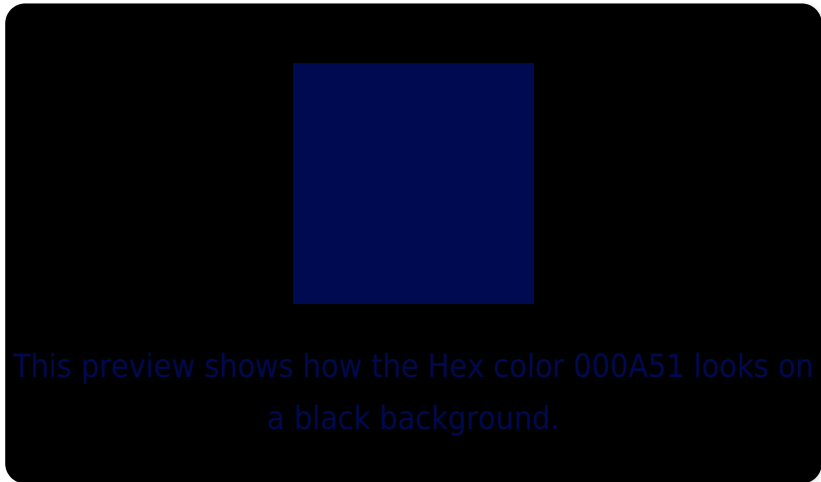
Large Text (above 18pt) WCAG AA ✓ Pass

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

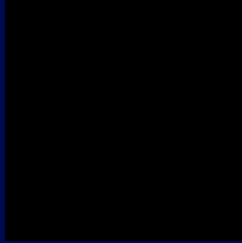
Any Text WCAG AA × Fail

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 000A51 Background



This preview shows how black text looks on a background with the Hex color 000A51.



This preview shows how white text looks on a background with the Hex color 000A51.

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
000A51

Protanopia
001934

Deuteranopia
001A2C



Tritanopia
001C1E

Trichromacy



Original Color
000A51

Protanomaly
00143F

Deuteranomaly
001439

Tritanomaly
001531

Monochromacy



Original Color
000A51

Achromatopsia
0F0F0F

Achromatomaly
0A0D27

CSS Examples

Text

The CSS property to change the color of the text to Hex 000A51 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 #000A51 looks like.

```
.text, #text, p{  
    color:#000A51  
}
```

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 #000A51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000A51
}
```

Border

The CSS property to change the border of an element to Hex 000A51 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
#000A51 }
```

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

```
.border{ border-color:#000A51 }
```

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

Here you see how a box with a 4 pixel #000A51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000A51; -webkit-box-shadow:4px 4px  
4px 4px #000A51; box-shadow:4px 4px 4px  
4px #000A51 }
```

Background

The CSS property to change the background color of an element to Hex 000A51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000A51 }
```

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

```
.background{ background-color:#000A51 }
```

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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