

Converting Colors

Hex(000B5A)

Have a look what the booklet for
Hex(000B5A) contains.

Hex(000B5A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(000B5A)

Conversions

Conversions Part 1

Format	Color
Hex	000B5A
RGB	0, 11, 90
RGB Percent	0%, 4%, 35%
CMY	1.0000, 0.9569, 0.6471
CMYK	1.00, 0.88, 0.00, 0.65
HSL	233°, 100%, 18%
HSV	233°, 100%, 35%
XYZ	1.9651, 0.9775, 9.7580
YIQ	16.7170, -31.9150, 22.2370

Conversions

Conversions Part 2

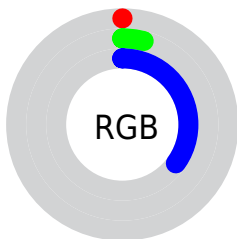
Format	Color
RYB	0, 10, 90
Decimal	2906
CIELab	8.80, 30.32, -46.74
CIELCh	9, 55.713, 302.975
Yxy	0.9775, 0.1547, 0.0770
Android (android.graphics.Color)	4278192986 (0xFF000B5A)
YUV	16.7170, 36.1285, -14.6608
Hunter-Lab	9.8870, 18.1763, -51.5953

Details

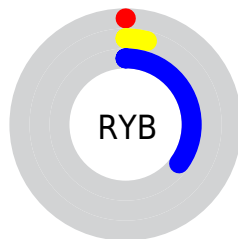
The Hex color **000B5A** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5A4F00**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **44368D**, and **00032B** is the 20% darker color. If you saturate the color by 10%, you get **000B5A**, and if you desaturate by 10%, it is **09135A**.

Distribution



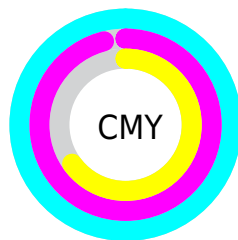
- Red (0%)
- Green (4%)
- Blue (35%)



- Red (0%)
- Yellow (4%)
- Blue (35%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (96%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000B5A 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 000B5A by changing the saturation by 10% instead.

 000B5A

 000B5A

 FFEBFF

 000042

 44368D

 00032B

 5F4DA8

 000115

 7A65C4

 000000

 957EE0

 B199FD

 CEB3FF

 EBCFFF

 000B5A

■ 09135A

■ 121B5A

■ 1B235A

■ 242B5A

■ 2D335A

■ 363A5A

■ 3F425A

■ 484A5A

■ 51525A

Harmonies

Analogous

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



001F67



000B5A



44003C

Triad

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



000B5A



3A0400



00251C

Complementary

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



000B5A



5A4F00

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.



002500



000B5A



1E1A00

Square

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



000B5A



4D0000



002300



002742

Rectangle

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



000B5A



510024



002300



00250D

Sweetspot

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



000B5A



525675



005A4E



26283B



BABABA



3B3B3B

Same Dimension

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



000B5A



000E75



21005A



292A2E



000D6E



001DED

Inverse Universe

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



5A000B



75000E



395A00



2E292A



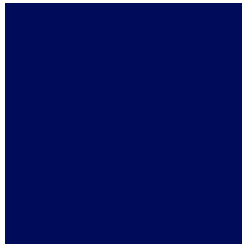
6E000D



ED001D

Previews

White Background



This preview shows how the Hex color 000B5A looks on a white background.

Color Contrast Check

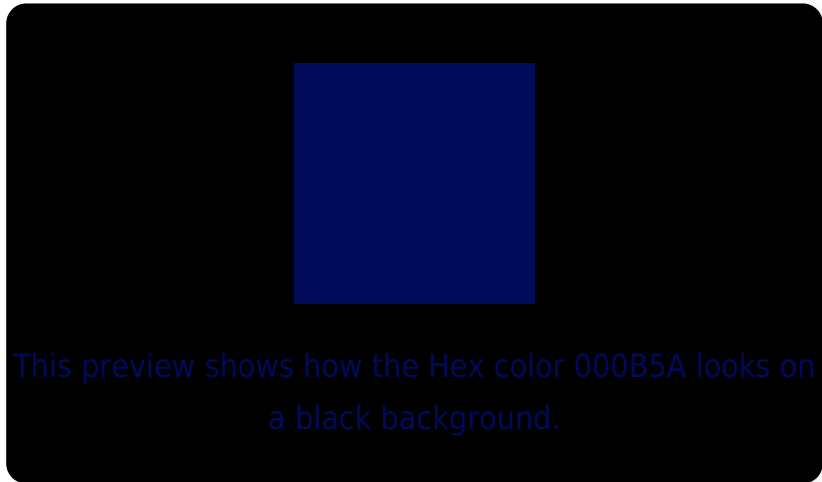
Large Text (above 18pt) WCAG AA ✓ Pass

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

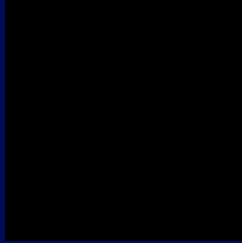
Any Text WCAG AA × Fail

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 000B5A Background



This preview shows how black text looks on a background with the Hex color 000B5A.



This preview shows how white text looks on a background with the Hex color 000B5A.

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
000B5A

Protanopia
001B39

Deuteranopia
001D31

Trichromacy



Original Color
000B5A

Protanomaly
001545

Deuteranomaly
001640

Tritanomaly
001836

Monochromacy



Original Color
000B5A

Achromatopsia
111111

Achromatomaly
0B0F2C

CSS Examples

Text

The CSS property to change the color of the text to Hex 000B5A 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 #000B5A looks like.

```
.text, #text, p{  
    color:#000B5A  
}
```

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 #000B5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000B5A
}
```

Border

The CSS property to change the border of an element to Hex 000B5A 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
#000B5A }
```

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

```
.border{ border-color:#000B5A }
```

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

Here you see how a box with a 4 pixel #000B5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000B5A; -webkit-box-shadow:4px 4px  
4px 4px #000B5A; box-shadow:4px 4px 4px  
4px #000B5A }
```

Background

The CSS property to change the background color of an element to Hex 000B5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000B5A }
```

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

```
.background{ background-color:#000B5A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor