

Converting Colors

Hex(000B5D)

Have a look what the booklet for
Hex(000B5D) contains.

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Color

Hex(000B5D)

Conversions

Conversions Part 1

Format	Color
Hex	000B5D
RGB	0, 11, 93
RGB Percent	0%, 4%, 36%
CMY	1.0000, 0.9569, 0.6353
CMYK	1.00, 0.88, 0.00, 0.64
HSL	233°, 100%, 18%
HSV	233°, 100%, 36%
XYZ	2.0955, 1.0297, 10.4442
YIQ	17.0590, -32.8780, 23.1700

Conversions

Conversions Part 2

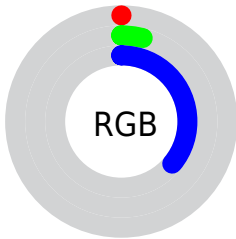
Format	Color
RYB	0, 10, 93
Decimal	2909
CIELab	9.24, 31.42, -48.04
CIELCh	9, 57.406, 303.189
Yxy	1.0297, 0.1544, 0.0759
Android (android.graphics.Color)	4278192989 (0xFF000B5D)
YUV	17.0590, 37.4389, -14.9607
Hunter-Lab	10.1472, 19.1037, -53.9224

Details

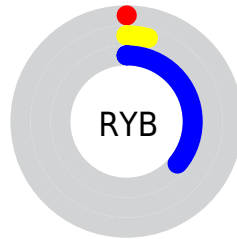
The Hex color **000B5D** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **5D5200**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **453690**, and **00032D** is the 20% darker color. If you saturate the color by 10%, you get **000B5D**, and if you desaturate by 10%, it is **09135D**.

Distribution



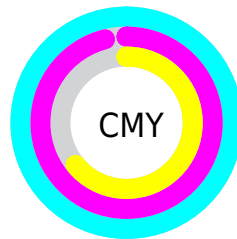
- Red (0%)
- Green (4%)
- Blue (36%)



- Red (0%)
- Yellow (4%)
- Blue (36%)



- Cyan (100%)
- Magenta (88%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (96%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000B5D 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 000B5D by changing the saturation by 10% instead.

 000B5D

 000B5D

 FFECFF

 000045

 453690

 00032D

 604DAB

 000118

 7B66C7

 000000

 977FE3

 B399FF

 CFB4FF

 EDD0FF

 000B5D

■ 09135D

■ 131B5D

■ 1C245D

■ 252C5D

■ 2F345D

■ 383C5D

■ 41445D

■ 4A4D5D

■ 54555D

Harmonies

Analogous

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



00206B



000B5D



47003E

Triad

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



000B5D



3B0400



00271D

Complementary

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



000B5D



5D5200

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.



002600



000B5D



1E1B00

Square

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



000B5D



4F0000



002400



002844

Rectangle

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



000B5D



540025



002400



00260F

Sweetspot

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



000B5D



545878



005D51



272A3D



BDBDBD



3D3D3D

Same Dimension

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



000B5D



000E78



22005D



292A2E



000D6E



001CED

Inverse Universe

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



5D000B



78000E



3B5D00



2E292A



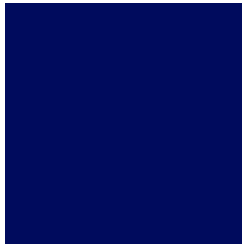
6E000D



ED001C

Previews

White Background



This preview shows how the Hex color 000B5D looks on a white background.

Color Contrast Check

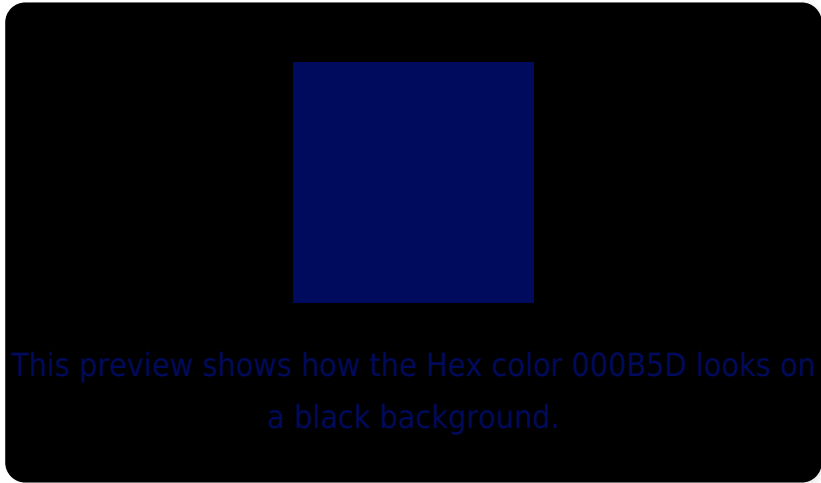
Large Text (above 18pt) WCAG AA ✓ Pass

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

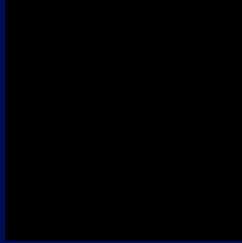
Any Text WCAG AA × Fail

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 000B5D Background



This preview shows how black text looks on a background with the Hex color 000B5D.



This preview shows how white text looks on a background with the Hex color 000B5D.

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
000B5D

Protanopia
001C3B

Deuteranopia
001E32

Trichromacy



Original Color
000B5D

Protanomaly
001647

Deuteranomaly
001742

Tritanomaly
001937

Monochromacy



Original Color
000B5D

Achromatopsia
111111

Achromatomaly
0B0F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 000B5D 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 #000B5D looks like.

```
.text, #text, p{  
    color:#000B5D  
}
```

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 #000B5D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000B5D
}
```

Border

The CSS property to change the border of an element to Hex 000B5D 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
#000B5D }
```

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

```
.border{ border-color:#000B5D }
```

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

Here you see how a box with a 4 pixel #000B5D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000B5D; -webkit-box-shadow:4px 4px  
4px 4px #000B5D; box-shadow:4px 4px 4px  
4px #000B5D }
```

Background

The CSS property to change the background color of an element to Hex 000B5D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000B5D }
```

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

```
.background{ background-color:#000B5D }
```

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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