

Converting Colors

Hex(10002B)

Have a look what the booklet for
Hex(10002B) contains.

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Color

Hex(10002B)

Conversions

Conversions Part 1

Format	Color
Hex	10002B
RGB	16, 0, 43
RGB Percent	6%, 0%, 17%
CMY	0.9373, 1.0000, 0.8314
CMYK	0.63, 1.00, 0.00, 0.83
HSL	262°, 100%, 8%
HSV	262°, 100%, 17%
XYZ	0.6497, 0.2846, 2.3062
YIQ	9.6860, -4.2670, 16.7650

Conversions

Conversions Part 2

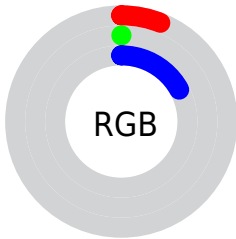
Format	Color
R _Y B	16, 0, 43
Decimal	1048619
CIE Lab	2.57, 15.54, -23.32
CIE LCh	3, 28.019, 303.674
Yxy	0.2846, 0.2005, 0.0878
Android (android.graphics.Color)	4279238699 (0xFF10002B)
YUV	9.6860, 16.4238, 5.5374
Hunter-Lab	5.3346, 12.4051, -21.8974

Details

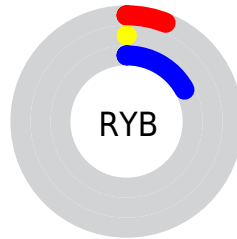
The Hex color **10002B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **1B2B00**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **3A2F59**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **10002B**, and if you desaturate by 10%, it is **13042B**.

Distribution



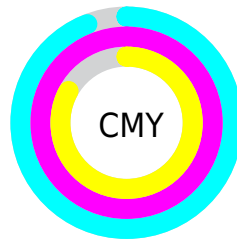
- Red (6%)
- Green (0%)
- Blue (17%)



- Red (6%)
- Yellow (0%)
- Blue (17%)



- Cyan (63%)
- Magenta (100%)
- Yellow (0%)
- Black (83%)



- Cyan (94%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 10002B 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 10002B by changing the saturation by 10% instead.

 10002B

 10002B

 F2E2FF

 000116

 3A2F59

 000000

 524671

 6B5D8B

 8476A5

 9F90C1

 BAAADD

 D6C6F9

 10002B

■ 13042B

■ 15092B

■ 180D2B

■ 1B112B

■ 1D162B

■ 201A2B

■ 231E2B

■ 26222B

■ 28272B

Harmonies

Analogous

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



000C31



10002B



25001D

Triad

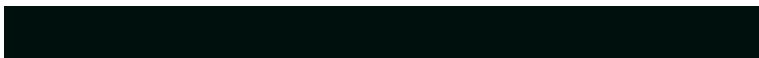
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



10002B



200000



00110D

Complementary

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



10002B



1B2B00

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.



001000



10002B



0A0A00

Square

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



10002B



2A0000



001000



001221

Rectangle

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



10002B



2B0011



001000



001001

Sweetspot

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



10002B



2E2738



001B2B



16121C



9C9C9C



1C1C1C

Same Dimension

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



10002B



150038



25002B



131214



1F0054



4F00D4

Inverse Universe

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



2B001B



380023



062B00



141214



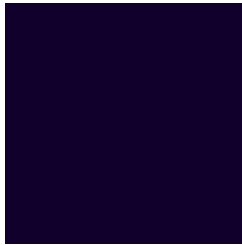
540035



D40085

Previews

White Background



This preview shows how the Hex color 10002B looks on a white background.

Color Contrast Check

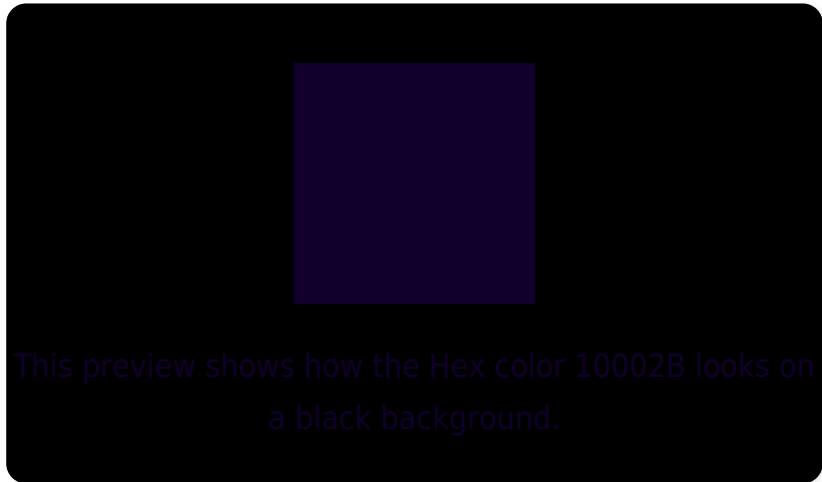
Large Text (above 18pt) WCAG AA ✓ Pass

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

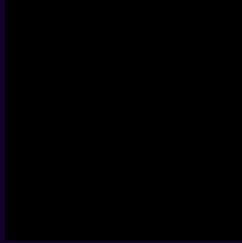
Any Text WCAG AA × Fail

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 10002B Background



This preview shows how black text looks on a background with the Hex color 10002B.



This preview shows how white text looks on a background with the Hex color 10002B.

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
10002B

Protanopia
000E1E

Deuteranopia
000F1A



Tritanopia
001112

Trichromacy



Original Color
10002B

Protanomaly
060923

Deuteranomaly
060A20

Tritanomaly
060B1B

Monochromacy



Original Color
10002B

Achromatopsia
0A0A0A

Achromatomaly
0C0616

CSS Examples

Text

The CSS property to change the color of the text to Hex 10002B 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 #10002B looks like.

```
.text, #text, p{  
    color:#10002B  
}
```

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 #10002B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #10002B
}
```

Border

The CSS property to change the border of an element to Hex 10002B is called "border". The border property can be set on classes, ids or directly on the HTML element.

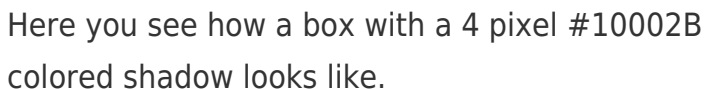
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#10002B }
```

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

```
.border{ border-color:#10002B }
```

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



Here you see how a box with a 4 pixel #10002B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #10002B; -webkit-box-shadow:4px 4px  
4px 4px #10002B; box-shadow:4px 4px 4px  
4px #10002B }
```

Background

The CSS property to change the background color of an element to Hex 10002B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#10002B }
```

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

```
.background{ background-color:#10002B }
```

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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