

Converting Colors

Hex(09003B)

Have a look what the booklet for
Hex(09003B) contains.

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Color

Hex(09003B)

Conversions

Conversions Part 1

Format	Color
Hex	09003B
RGB	9, 0, 59
RGB Percent	4%, 0%, 23%
CMY	0.9647, 1.0000, 0.7686
CMYK	0.85, 1.00, 0.00, 0.77
HSL	249°, 100%, 12%
HSV	249°, 100%, 23%
XYZ	0.9021, 0.3738, 4.1623
YIQ	9.4170, -13.5750, 20.2570

Conversions

Conversions Part 2

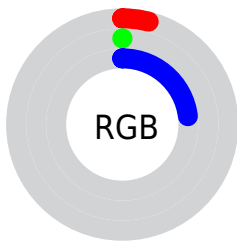
Format	Color
RYB	9, 0, 59
Decimal	589883
CIELab	3.38, 22.34, -33.96
CIELCh	3, 40.653, 303.335
Yxy	0.3738, 0.1659, 0.0687
Android (android.graphics.Color)	4278779963 (0xFF09003B)
YUV	9.4170, 24.4444, -0.3657
Hunter-Lab	6.1143, 15.6351, -36.0816

Details

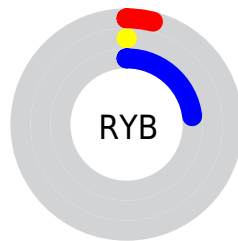
The Hex color **09003B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **323B00**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **3A2E6B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **09003B**, and if you desaturate by 10%, it is **0E063B**.

Distribution



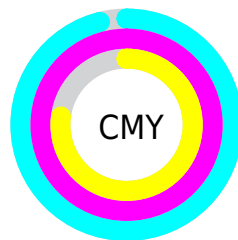
- Red (4%)
- Green (0%)
- Blue (23%)



- Red (4%)
- Yellow (0%)
- Blue (23%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (77%)



- Cyan (96%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 09003B 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 09003B by changing the saturation by 10% instead.

 09003B

 09003B

 F7E0FF

 000225

 3A2E6B

 00010D

 534485

 000000

 6D5C9F

 8775BA

 A28ED6

 BEA9F3

 DAC4FF

 09003B

■ 0E063B

■ 130C3B

■ 18123B

■ 1D183B

■ 221D3B

■ 27233B

■ 2C293B

■ 312F3B

■ 36353B

Harmonies

Analogous

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



001044



09003B



2E0026

Triad

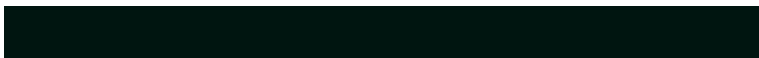
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



09003B



270000



001510

Complementary

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



09003B



323B00

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.



001400



09003B



0D0D00

Square

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



09003B



340000



001400



00162B

Rectangle

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



09003B



360016



001400

Sweetspot

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



09003B



39364D



00323B



1B1826



A6A6A6



262626

Same Dimension

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



09003B



0C004D



26003B



1C1C1F



0E005E



2200DE

Inverse Universe

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



3B0032



4D0041



153B00



1F1C1E



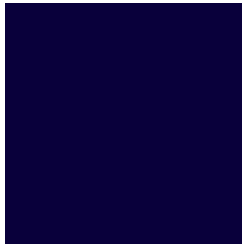
5E0050



DE00BC

Previews

White Background



This preview shows how the Hex color 09003B looks on a white background.

Color Contrast Check

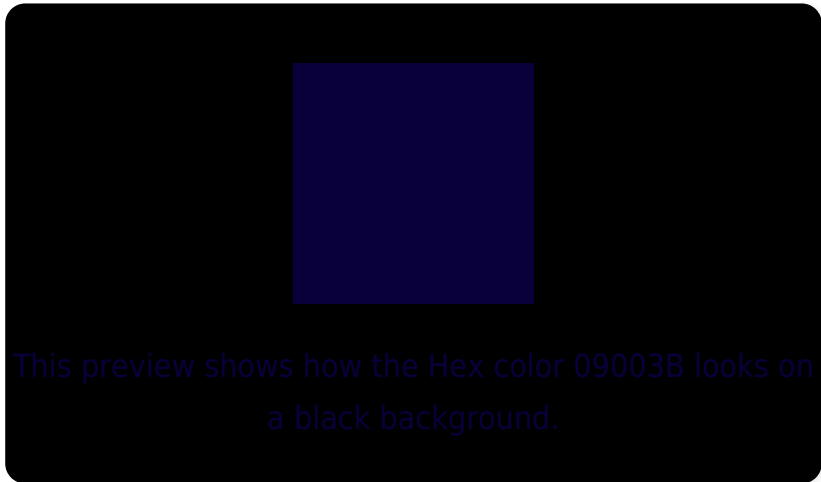
Large Text (above 18pt) WCAG AA ✓ Pass

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

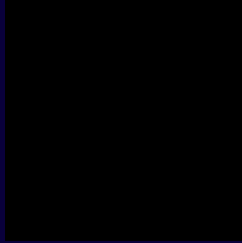
Any Text WCAG AA × Fail

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 09003B Background



This preview shows how black text looks on a background with the Hex color 09003B.



This preview shows how white text looks on a background with the Hex color 09003B.

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
09003B

Protanopia
001225

Deuteranopia
00131F

Trichromacy



Original Color
09003B

Protanomaly
030B2D

Deuteranomaly
030C29

Tritanomaly
030D23

Monochromacy



Original Color
09003B

Achromatopsia
090909

Achromatomaly
09061B

CSS Examples

Text

The CSS property to change the color of the text to Hex 09003B 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 #09003B looks like.

```
.text, #text, p{  
    color:#09003B  
}
```

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 #09003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #09003B
}
```

Border

The CSS property to change the border of an element to Hex 09003B 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
#09003B }
```

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

```
.border{ border-color:#09003B }
```

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

Here you see how a box with a 4 pixel #09003B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #09003B; -webkit-box-shadow:4px 4px  
4px 4px #09003B; box-shadow:4px 4px 4px  
4px #09003B }
```

Background

The CSS property to change the background color of an element to Hex 09003B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#09003B }
```

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

```
.background{ background-color:#09003B }
```

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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