

Converting Colors

Hex(04033B)

Have a look what the booklet for
Hex(04033B) contains.

Hex(04033B)	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(04033B)

Conversions

Conversions Part 1

Format	Color
Hex	04033B
RGB	4, 3, 59
RGB Percent	2%, 1%, 23%
CMY	0.9843, 0.9882, 0.7686
CMYK	0.93, 0.95, 0.00, 0.77
HSL	241°, 90%, 12%
HSV	241°, 95%, 23%
XYZ	0.8720, 0.4067, 4.1702
YIQ	9.6830, -17.3800, 17.6280

Conversions

Conversions Part 2

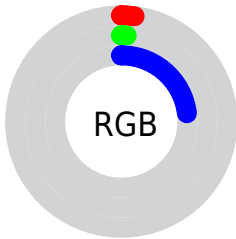
Format	Color
R_{YB}	4, 3, 59
Decimal	262971
CIE Lab	3.67, 19.87, -33.50
CIE LCh	4, 38.948, 300.681
Yxy	0.4067, 0.1600, 0.0746
Android (android.graphics.Color)	4278453051 (0xFF04033B)
YUV	9.6830, 24.3133, -4.9840
Hunter-Lab	6.3773, 13.2481, -34.3063

Details

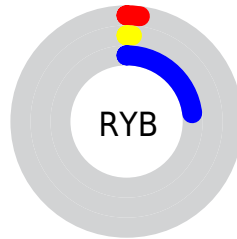
The Hex color **04033B** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3A3B03**, and the grayscale version is **090909**.

A 20% lighter version of the original color is **37306B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **01003B**, and if you desaturate by 10%, it is **0A093B**.

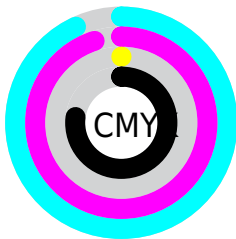
Distribution



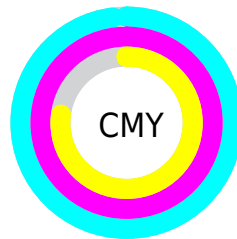
- Red (2%)
- Green (1%)
- Blue (23%)



- Red (2%)
- Yellow (1%)
- Blue (23%)



- Cyan (93%)
- Magenta (95%)
- Yellow (0%)
- Black (77%)



- Cyan (98%)
- Magenta (99%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 04033B 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 04033B by changing the saturation by 10% instead.

■ 04033B

■ 04033B

■ F3E3FF

■ 000225

■ 37306B

■ 00010D

■ 504785

■ 000000

■ 6A5E9F

■ 8477BA

■ 9F91D6

■ BAABF2

■ D6C7FF

■ 04033B

■ 04033B

■ 01003B

■ 0A093B

■ 100F3B

■ 15153B

■ 1B1B3B

■ 21213B

■ 27263B

■ 2D2C3B

■ 32323B

■ 38383B

Harmonies

Analogous

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



001242



04033B



2C0028

Triad

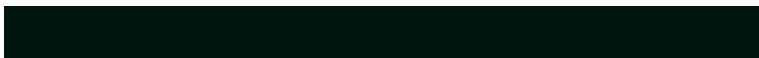
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



04033B



280000



00160D

Complementary

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



04033B



3A3B03

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.



001500



04033B



120D00

Square

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



04033B



340000



001500



001728

Rectangle

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



04033B



350018



001500

Sweetspot

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



04033B



37374D



033A3B



191926



A6A6A6



262626

Same Dimension

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



04033B



01004D



20033B



1C1C1F



02005E



0400DE

Inverse Universe

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



3B033A



4D004B



1E3B03



1F1C1F



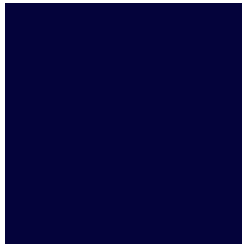
5E005D



DE00DA

Previews

White Background



This preview shows how the Hex color 04033B looks on a white background.

Color Contrast Check

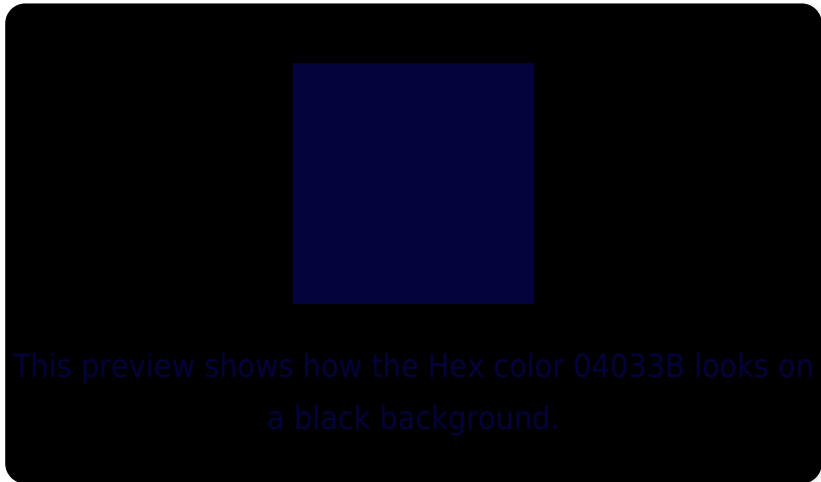
Large Text (above 18pt) WCAG AA ✓ Pass

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

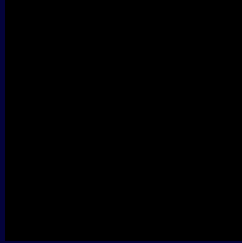
Any Text WCAG AA × Fail

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 04033B Background



This preview shows how black text looks on a background with the Hex color 04033B.



This preview shows how white text looks on a background with the Hex color 04033B.

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
04033B

Protanopia
001124

Deuteranopia
00131F



Tritanopia
001415

Trichromacy



Original Color
04033B

Protanomaly
010C2C

Deuteranomaly
010D29

Tritanomaly
010E23

Monochromacy



Original Color
04033B

Achromatopsia
0A0A0A

Achromatomaly
08071C

CSS Examples

Text

The CSS property to change the color of the text to Hex 04033B 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 #04033B looks like.

```
.text, #text, p{  
    color:#04033B  
}
```

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 #04033B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04033B
}
```

Border

The CSS property to change the border of an element to Hex 04033B 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
#04033B }
```

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

```
.border{ border-color:#04033B }
```

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

Here you see how a box with a 4 pixel #04033B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04033B; -webkit-box-shadow:4px 4px  
4px 4px #04033B; box-shadow:4px 4px 4px  
4px #04033B }
```

Background

The CSS property to change the background color of an element to Hex 04033B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04033B }
```

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

```
.background{ background-color:#04033B }
```

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