

Converting Colors

Hex(1C003B)

Have a look what the booklet for
Hex(1C003B) contains.

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Color

Hex(1C003B)

Conversions

Conversions Part 1

Format	Color
Hex	1C003B
RGB	28, 0, 59
RGB Percent	11%, 0%, 23%
CMY	0.8902, 1.0000, 0.7686
CMYK	0.53, 1.00, 0.00, 0.77
HSL	268°, 100%, 12%
HSV	268°, 100%, 23%
XYZ	1.2683, 0.5626, 4.1794
YIQ	15.0980, -2.2510, 24.2850

Conversions

Conversions Part 2

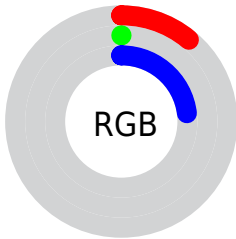
Format	Color
R_YB	28, 0, 59
Decimal	1835067
CIE Lab	5.08, 27.72, -31.12
CIE LCh	5, 41.675, 311.699
Yxy	0.5626, 0.2110, 0.0936
Android (android.graphics.Color)	4280025147 (0xFF1C003B)
YUV	15.0980, 21.6437, 11.3151
Hunter-Lab	7.5010, 17.0552, -27.7849




Details

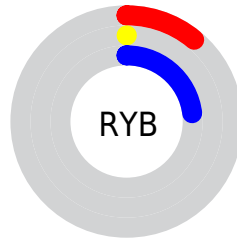
The Hex color **1C003B** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F3B00**, and the grayscale version is **0F0F0F**.




A 20% lighter version of the original color is **4C2D6B**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **1C003B**, and if you desaturate by 10%, it is **1F063B**.

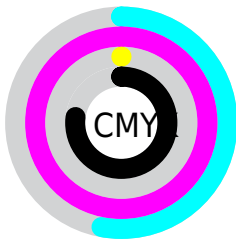
Distribution







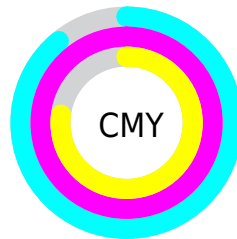
-  Red (11%)
-  Green (0%)
-  Blue (23%)






-  Red (11%)
-  Yellow (0%)
-  Blue (23%)



-  Cyan (53%)
-  Magenta (100%)
-  Yellow (0%)
-  Black (77%)



-  Cyan (89%)
-  Magenta (100%)
-  Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C003B 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 1C003B by changing the saturation by 10% instead.

 1C003B

 1C003B

 FFE1FF

 000025

 4C2D6B

 00010D

 654484

 000000

 7F5C9F

 9975BA

 B48FD6

 D0A9F2

 EDC5FF

 1C003B

■ 1F063B

■ 220C3B

■ 25123B

■ 28183B

■ 2C1D3B

■ 2F233B

■ 32293B

■ 352F3B

■ 38353B

Harmonies

Analogous

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



001248



1C003B



370023

Triad

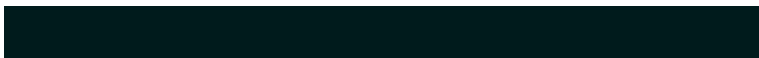
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C003B



260800



001B1C

Complementary

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



1C003B



1F3B00

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.



001A00



1C003B



071500

Square

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



1C003B



350000



001A00



001D36

Rectangle

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



1C003B



3D0011



001A00



001B12

Sweetspot

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



1C003B



40364D



001F3B



1F1826



A6A6A6



262626

Same Dimension

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



1C003B



24004D



39003B



1D1C1F



2D005E



6900DE

Inverse Universe

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



3B001F



4D0028



023B00



1F1C1D



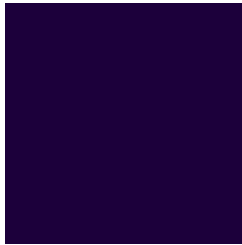
5E0032



DE0075

Previews

White Background



This preview shows how the Hex color 1C003B looks on a white background.

Color Contrast Check

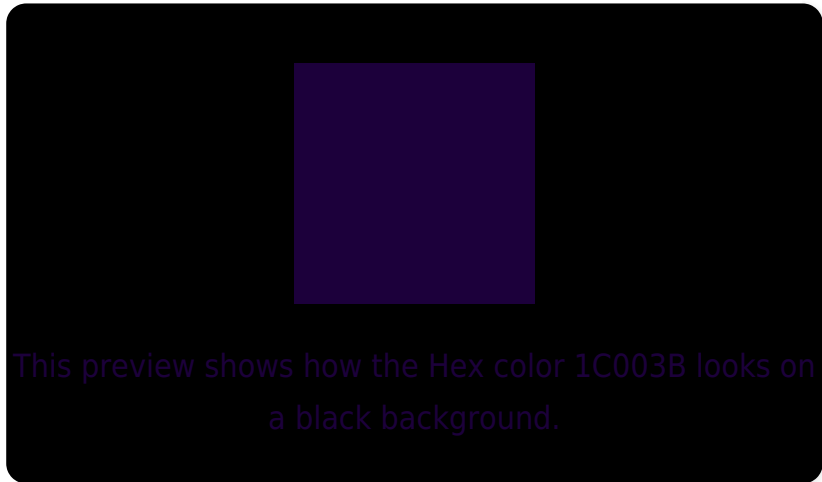
Large Text (above 18pt) WCAG AA ✓ Pass

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

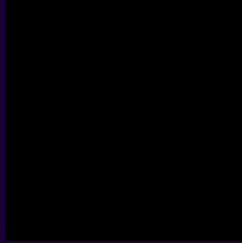
Any Text WCAG AA × Fail

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 1C003B Background



This preview shows how black text looks on a background with the Hex color 1C003B.



This preview shows how white text looks on a background with the Hex color 1C003B.

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
1C003B

Protanopia
00152D

Deuteranopia
001726



Tritanopia
111719

Trichromacy



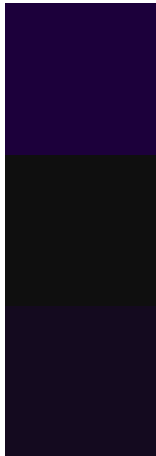
Original Color
1C003B

Protanomaly
0A0D32

Deuteranomaly
0A0F2E

Tritanomaly
150F25

Monochromacy



Original Color
1C003B

Achromatopsia
0F0F0F

Achromatomaly
140A1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C003B 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 #1C003B looks like.

```
.text, #text, p{  
    color:#1C003B  
}
```

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 #1C003B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C003B
}
```

Border

The CSS property to change the border of an element to Hex 1C003B is called "border". The border property can be set on classes, ids or directly on the HTML element.

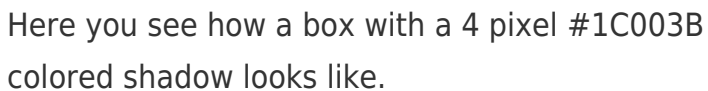
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C003B }
```

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

```
.border{ border-color:#1C003B }
```

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



Here you see how a box with a 4 pixel #1C003B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C003B; -webkit-box-shadow:4px 4px  
4px 4px #1C003B; box-shadow:4px 4px 4px  
4px #1C003B }
```

Background

The CSS property to change the background color of an element to Hex 1C003B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C003B }
```

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

```
.background{ background-color:#1C003B }
```

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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