

Converting Colors

Hex(1C033C)

Have a look what the booklet for
Hex(1C033C) contains.

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Color

Hex(1C033C)

Conversions

Conversions Part 1

Format	Color
Hex	1C033C
RGB	28, 3, 60
RGB Percent	11%, 1%, 24%
CMY	0.8902, 0.9882, 0.7647
CMYK	0.53, 0.95, 0.00, 0.76
HSL	266°, 90%, 12%
HSV	266°, 95%, 24%
XYZ	1.3271, 0.6382, 4.3282
YIQ	16.9730, -3.3970, 23.0270

Conversions

Conversions Part 2

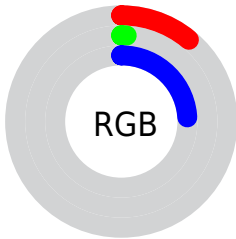
Format	Color
RYB	28, 3, 60
Decimal	1835836
CIELab	5.77, 26.58, -30.73
CIELCh	6, 40.633, 310.861
Yxy	0.6382, 0.2109, 0.1014
Android (android.graphics.Color)	4280025916 (0xFF1C033C)
YUV	16.9730, 21.2123, 9.6707
Hunter-Lab	7.9890, 15.6700, -26.5292

Details

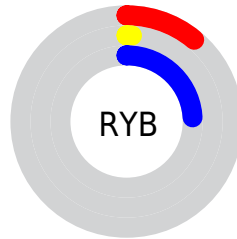
The Hex color **1C033C** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **233C03**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **4C2F6C**, and **00010E** is the 20% darker color. If you saturate the color by 10%, you get **1A003C**, and if you desaturate by 10%, it is **1F093C**.

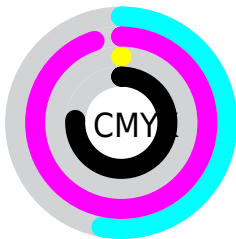
Distribution



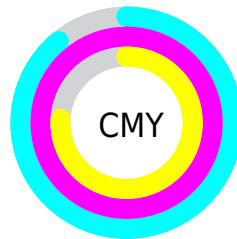
- Red (11%)
- Green (1%)
- Blue (24%)



- Red (11%)
- Yellow (1%)
- Blue (24%)



- Cyan (53%)
- Magenta (95%)
- Yellow (0%)
- Black (76%)



- Cyan (89%)
- Magenta (99%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C033C 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 1C033C by changing the saturation by 10% instead.

 1C033C

 1C033C

 FFE4FF

 000026

 4C2F6C

 00010E

 654686

 000000

 7F5EA0

 9977BB

 B591D7

 D1ACF4

 EDC7FF

 1C033C

 1C033C

■ 1A003C

■ 1F093C

■ 230F3C

■ 26153C

■ 291B3C

■ 2D213C

■ 30273C

■ 342D3C

■ 37333C

■ 3A393C

Harmonies

Analogous

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



001449



1C033C



370025

Triad

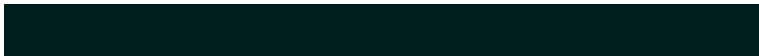
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C033C



270A00



001D1D

Complementary

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



1C033C



233C03

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.



001D00



1C033C



0C1600

Square

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



1C033C



370000



001D00



001F36

Rectangle

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



1C033C



3D0013



001D00



001D13

Sweetspot

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



1C033C



42384F



03233C



211B29



A8A8A8



292929

Same Dimension

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



1C033C



23004F



38033C



1D1C1F



29005E



6100DE

Inverse Universe

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



3C0323



4F002C



073C03



1F1C1D



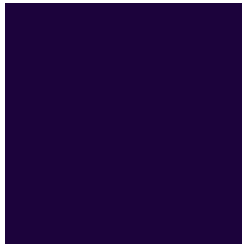
5E0035



DE007D

Previews

White Background



This preview shows how the Hex color 1C033C looks on a white background.

Color Contrast Check

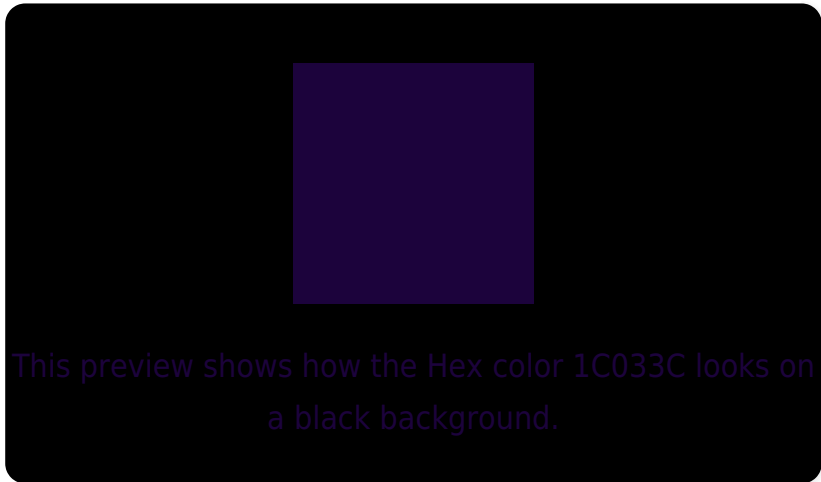
Large Text (above 18pt) WCAG AA ✓ Pass

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

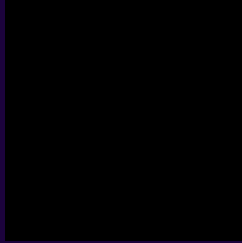
Any Text WCAG AA × Fail

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 1C033C Background



This preview shows how black text looks on a background with the Hex color 1C033C.



This preview shows how white text looks on a background with the Hex color 1C033C.

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
1C033C

Protanopia
00162D

Deuteranopia
001727



Tritanopia
111719

Trichromacy



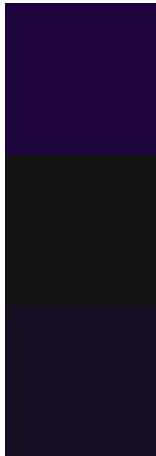
Original Color
1C033C

Protanomaly
0A0F32

Deuteranomaly
0A102F

Tritanomaly
151026

Monochromacy



Original Color
1C033C

Achromatopsia
111111

Achromatomaly
150C21

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C033C 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 #1C033C looks like.

```
.text, #text, p{  
    color:#1C033C  
}
```

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 #1C033C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C033C
}
```

Border

The CSS property to change the border of an element to Hex 1C033C 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
#1C033C }
```

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

```
.border{ border-color:#1C033C }
```

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

Here you see how a box with a 4 pixel #1C033C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C033C; -webkit-box-shadow:4px 4px  
4px 4px #1C033C; box-shadow:4px 4px 4px  
4px #1C033C }
```

Background

The CSS property to change the background color of an element to Hex 1C033C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C033C }
```

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

```
.background{ background-color:#1C033C }
```

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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