

Converting Colors

Hex(1C0043)

Have a look what the booklet for
Hex(1C0043) contains.

Hex(1C0043)	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(1C0043)

Conversions

Conversions Part 1

Format	Color
Hex	1C0043
RGB	28, 0, 67
RGB Percent	11%, 0%, 26%
CMY	0.8902, 1.0000, 0.7373
CMYK	0.58, 1.00, 0.00, 0.74
HSL	265°, 100%, 13%
HSV	265°, 100%, 26%
XYZ	1.4920, 0.6521, 5.3574
YIQ	16.0100, -4.8190, 26.7730

Conversions

Conversions Part 2

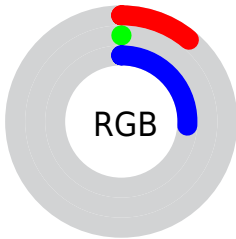
Format	Color
RYB	28, 0, 67
Decimal	1835075
CIELab	5.89, 30.84, -35.54
CIELCh	6, 47.057, 310.944
Yxy	0.6521, 0.1989, 0.0869
Android (android.graphics.Color)	4280025155 (0xFF1C0043)
YUV	16.0100, 25.1381, 10.5152
Hunter-Lab	8.0754, 18.8475, -33.6816

Details

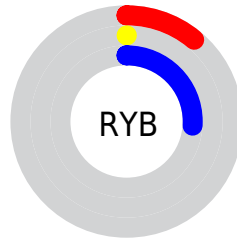
The Hex color **1C0043** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **274300**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4E2D74**, and **000116** is the 20% darker color. If you saturate the color by 10%, you get **1C0043**, and if you desaturate by 10%, it is **200743**.

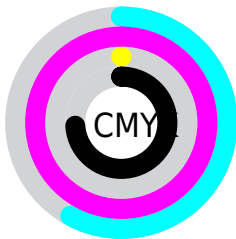
Distribution



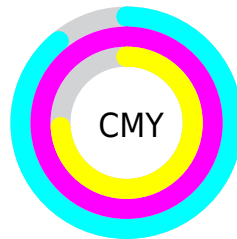
- Red (11%)
- Green (0%)
- Blue (26%)



- Red (11%)
- Yellow (0%)
- Blue (26%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (74%)



- Cyan (89%)
- Magenta (100%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0043 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 1C0043 by changing the saturation by 10% instead.

 1C0043

 1C0043

 FFE1FF


 00002C

 4E2D74

 000116

 67448E

 000000

 815CA9

 9C75C4

 B88FE0

 D4AAFD

 F1C5FF

 1C0043

■ 200743

■ 240D43

■ 281443

■ 2C1B43

■ 302243

■ 332843

■ 372F43

■ 3B3643

■ 3F3C43

Harmonies

Analogous

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



001552



1C0043



3C0028

Triad

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



1C0043



290800



001E1E

Complementary

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



1C0043



274300

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



1C0043



0A1700

Square

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



1C0043



3B0000



001D00



001F3C

Rectangle

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



1C0043



430014



001D00



001D13

Sweetspot

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



1C0043



483D57



002743



221C2B



ABABAB



2B2B2B

Same Dimension

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



1C0043



240057



3D0043



1F1E21



280061



5E00E0

Inverse Universe

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



430027



570032



064300



211E20



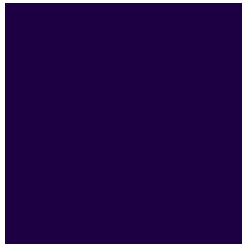
610038



E00083

Previews

White Background



This preview shows how the Hex color 1C0043 looks on a white background.

Color Contrast Check

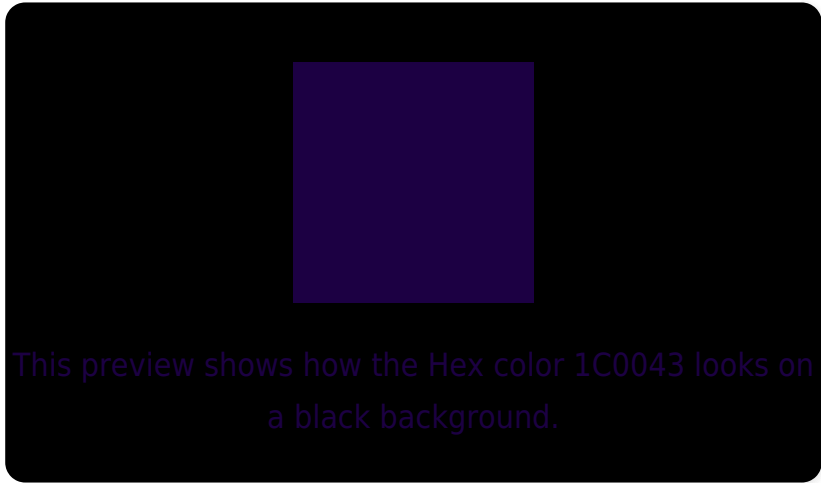
Large Text (above 18pt) WCAG AA ✓ Pass

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

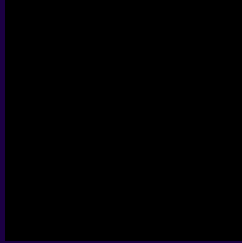
Any Text WCAG AA × Fail

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 1C0043 Background



This preview shows how black text looks on a background with the Hex color 1C0043.



This preview shows how white text looks on a background with the Hex color 1C0043.

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
1C0043

Protanopia
001731

Deuteranopia
001929

Trichromacy



Original Color
1C0043

Protanomaly
0A0F38

Deuteranomaly
0A1032

Tritanomaly
12112A

Monochromacy



Original Color
1C0043

Achromatopsia
101010

Achromatomaly
140A23

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0043 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 #1C0043 looks like.

```
.text, #text, p{  
    color:#1C0043  
}
```

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 #1C0043 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0043
}
```

Border

The CSS property to change the border of an element to Hex 1C0043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

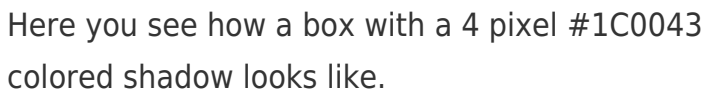
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1C0043 }
```

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

```
.border{ border-color:#1C0043 }
```

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



Here you see how a box with a 4 pixel #1C0043 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0043; -webkit-box-shadow:4px 4px  
4px 4px #1C0043; box-shadow:4px 4px 4px  
4px #1C0043 }
```

Background

The CSS property to change the background color of an element to Hex 1C0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0043 }
```

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

```
.background{ background-color:#1C0043 }
```

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