

Converting Colors

Hex(1C0051)

Have a look what the booklet for
Hex(1C0051) contains.

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Color

Hex(1C0051)

Conversions

Conversions Part 1

Format	Color
Hex	1C0051
RGB	28, 0, 81
RGB Percent	11%, 0%, 32%
CMY	0.8902, 1.0000, 0.6824
CMYK	0.65, 1.00, 0.00, 0.68
HSL	261°, 100%, 16%
HSV	261°, 100%, 32%
XYZ	1.9641, 0.8410, 7.8434
YIQ	17.6060, -9.3130, 31.1270

Conversions

Conversions Part 2

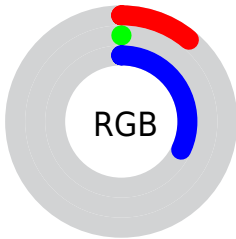
Format	Color
RYB	28, 0, 81
Decimal	1835089
CIELab	7.60, 35.50, -42.53
CIELCh	8, 55.401, 309.849
Yxy	0.8410, 0.1844, 0.0790
Android (android.graphics.Color)	4280025169 (0xFF1C0051)
YUV	17.6060, 31.2532, 9.1155
Hunter-Lab	9.1704, 22.1826, -44.2912

Details

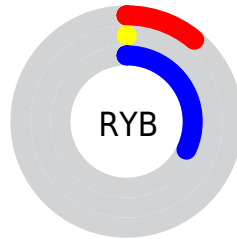
The Hex color **1C0051** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **355100**, and the grayscale version is **111111**.

A 20% lighter version of the original color is **512D83**, and **000223** is the 20% darker color. If you saturate the color by 10%, you get **1C0051**, and if you desaturate by 10%, it is **210851**.

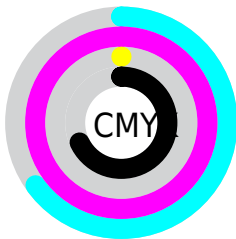
Distribution



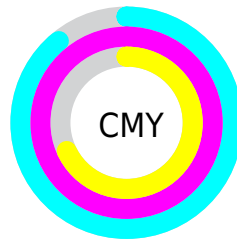
- Red (11%)
- Green (0%)
- Blue (32%)



- Red (11%)
- Yellow (0%)
- Blue (32%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (89%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Hex color 1C0051 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 1C0051 by changing the saturation by 10% instead.

 1C0051

 1C0051

 FFE3FF

 01003A

 512D83

 000223

 6B459E

 00000A

 865DB9

 000000

 A177D5

 BD91F2

 DAACFF

 F7C7FF

 1C0051

■ 210851

■ 271051

■ 2C1851

■ 312051

■ 362951

■ 3C3151

■ 413951

■ 464151

■ 4C4951

Harmonies

Analogous

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



001A62



1C0051



460031

Triad

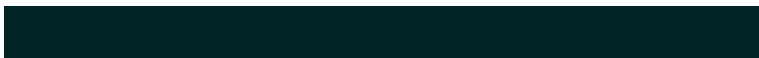
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



1C0051



310900



002323

Complementary

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



1C0051



355100

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.



002200



1C0051



111A00

Square

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



1C0051



460000



002200



002546

Rectangle

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



1C0051



4F0019



002200



002216

Sweetspot

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



1C0051



544969



003651



292236



B5B5B5



363636

Same Dimension

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



1C0051



240069



440051



262529



5000E8

Inverse Universe

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



510035



690044



0D5100



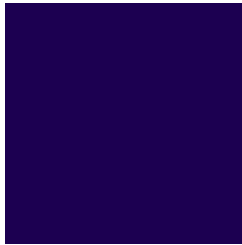
292527



E80098

Previews

White Background



This preview shows how the Hex color 1C0051 looks on a white background.

Color Contrast Check

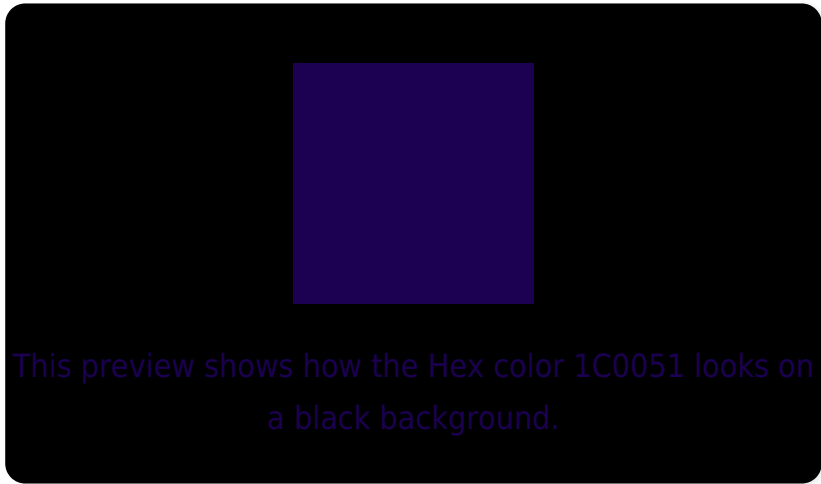
Large Text (above 18pt) WCAG AA ✓ Pass

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

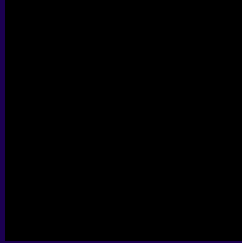
Any Text WCAG AA × Fail

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 1C0051 Background



This preview shows how black text looks on a background with the Hex color 1C0051.



This preview shows how white text looks on a background with the Hex color 1C0051.

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
1C0051

Protanopia
001B38

Deuteranopia
001C30



Tritanopia
001F21

Trichromacy



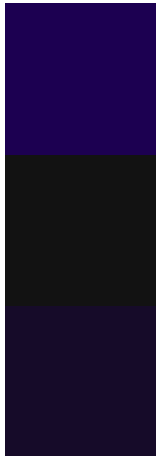
Original Color
1C0051

Protanomaly
0A1141

Deuteranomaly
0A123C

Tritanomaly
0A1432

Monochromacy



Original Color
1C0051

Achromatopsia
121212

Achromatomaly
160B29

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0051 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 #1C0051 looks like.

```
.text, #text, p{  
    color:#1C0051  
}
```

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 #1C0051 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0051
}
```

Border

The CSS property to change the border of an element to Hex 1C0051 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
#1C0051 }
```

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

```
.border{ border-color:#1C0051 }
```

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

Here you see how a box with a 4 pixel #1C0051 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0051; -webkit-box-shadow:4px 4px  
4px 4px #1C0051; box-shadow:4px 4px 4px  
4px #1C0051 }
```

Background

The CSS property to change the background color of an element to Hex 1C0051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0051 }
```

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

```
.background{ background-color:#1C0051 }
```

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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