

Converting Colors

Hex(1C0073)

Have a look what the booklet for
Hex(1C0073) contains.

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Color

Hex(1C0073)

Conversions

Conversions Part 1

Format	Color
Hex	1C0073
RGB	28, 0, 115
RGB Percent	11%, 0%, 45%
CMY	0.8902, 1.0000, 0.5490
CMYK	0.76, 1.00, 0.00, 0.55
HSL	255°, 100%, 23%
HSV	255°, 100%, 45%
XYZ	3.5734, 1.4847, 16.3179
YIQ	21.4820, -20.2270, 41.7010

Conversions

Conversions Part 2

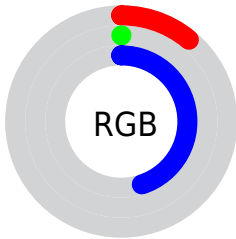
Format	Color
R_{YB}	28, 0, 115
Decimal	1835123
CIE _{Lab}	12.51, 44.61, -57.08
CIE _{LCh}	13, 72.444, 308.011
Yxy	1.4847, 0.1672, 0.0695
Android (android.graphics.Color)	4280025203 (0xFF1C0073)
YUV	21.4820, 46.1044, 5.7163
Hunter-Lab	12.1847, 31.0251, -70.8722

Details

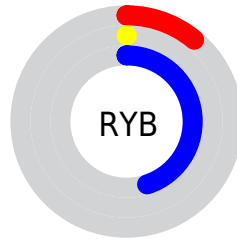
The Hex color **1C0073** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **577300**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5933A8**, and **000041** is the 20% darker color. If you saturate the color by 10%, you get **1C0073**, and if you desaturate by 10%, it is **250B73**.

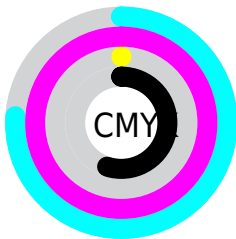
Distribution



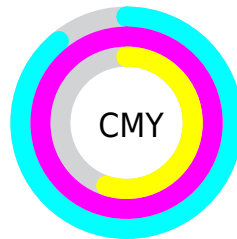
- Red (11%)
- Green (0%)
- Blue (45%)



- Red (11%)
- Yellow (0%)
- Blue (45%)



- Cyan (76%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (89%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C0073 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 1C0073 by changing the saturation by 10% instead.

 1C0073

 1C0073

 FFECFF

 00005A

 5933A8

 000041

 764BC4

 00032A

 9264E0

 000114

 AE7EFD

 000000

 CB98FF

 E9B4FF

 FFCFFF

 1C0073

■ 250B73

■ 2D1773

■ 362373

■ 3F2E73

■ 483A73

■ 504573

■ 595173

■ 625C73

■ 6A6873

Harmonies

Analogous

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



00278A



1C0073



600047

Triad

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



1C0073



450A00



00302E

Complementary

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



1C0073



577300

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.



002E00



1C0073



1D2400

Square

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



1C0073



610000



002C00



00335F

Rectangle

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



1C0073



6C0027



002C00



002F1C

Sweetspot

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



1C0073



746996



005873



38314D



CCCCCC



4D4D4D

Same Dimension

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



1C0073



250096



540073



36353B



1E007A



3D00FA

Inverse Universe

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



730057



960072



1F7300



3B3539



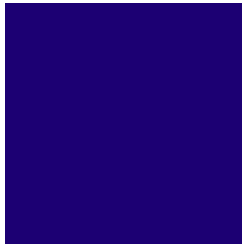
7A005D



FA00BD

Previews

White Background



This preview shows how the Hex color 1C0073 looks on a white background.

Color Contrast Check

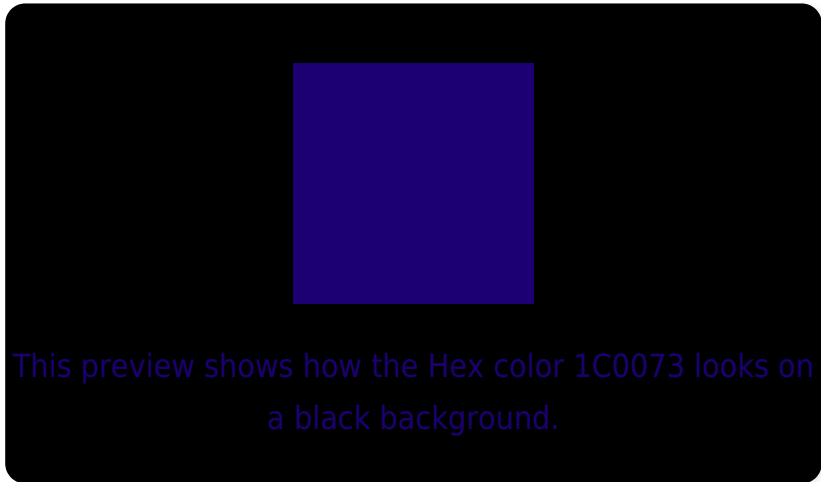
Large Text (above 18pt) WCAG AA ✓ Pass

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

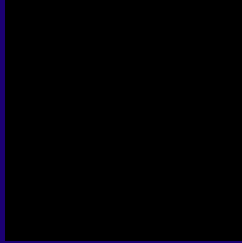
Any Text WCAG AA × Fail

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 1C0073 Background



This preview shows how black text looks on a background with the Hex color 1C0073.



This preview shows how white text looks on a background with the Hex color 1C0073.

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
1C0073

Protanopia
00244B

Deuteranopia
00263F



Tritanopia
00292B

Trichromacy



Original Color
1C0073

Protanomaly
0A175A

Deuteranomaly
0A1852

Tritanomaly
0A1A45

Monochromacy



Original Color
1C0073

Achromatopsia
151515

Achromatomaly
180D37

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C0073 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 #1C0073 looks like.

```
.text, #text, p{  
    color:#1C0073  
}
```

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 #1C0073 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C0073
}
```

Border

The CSS property to change the border of an element to Hex 1C0073 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
#1C0073 }
```

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

```
.border{ border-color:#1C0073 }
```

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

Here you see how a box with a 4 pixel #1C0073 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C0073; -webkit-box-shadow:4px 4px  
4px 4px #1C0073; box-shadow:4px 4px 4px  
4px #1C0073 }
```

Background

The CSS property to change the background color of an element to Hex 1C0073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C0073 }
```

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

```
.background{ background-color:#1C0073 }
```

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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