

Converting Colors

Hex(1C00C1)

Have a look what the booklet for
Hex(1C00C1) contains.

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Color

Hex(1C00C1)

Conversions

Conversions Part 1

Format	Color
Hex	1C00C1
RGB	28, 0, 193
RGB Percent	11%, 0%, 76%
CMY	0.8902, 1.0000, 0.2431
CMYK	0.85, 1.00, 0.00, 0.24
HSL	249°, 100%, 38%
HSV	249°, 100%, 76%
XYZ	10.1045, 4.0971, 50.7103
YIQ	30.3740, -45.2650, 65.9590

Conversions

Conversions Part 2

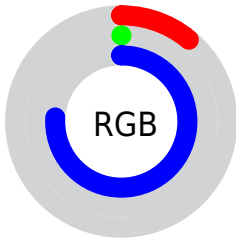
Format	Color
R_{YB}	28, 0, 193
Decimal	1835201
CIE _{Lab}	23.99, 64.49, -86.08
CIE _{LCh}	24, 107.558, 306.841
Yxy	4.0971, 0.1557, 0.0631
Android (android.graphics.Color)	4280025281 (0xFF1C00C1)
YUV	30.3740, 80.1746, -2.0820
Hunter-Lab	20.2414, 53.6851, -134.3692

Details

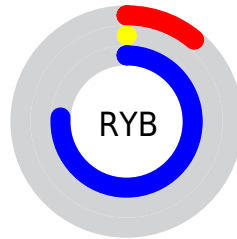
The Hex color **1C00C1** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **A5C100**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **6E3FFB**, and **00008A** is the 20% darker color. If you saturate the color by 10%, you get **1C00C1**, and if you desaturate by 10%, it is **2C13C1**.

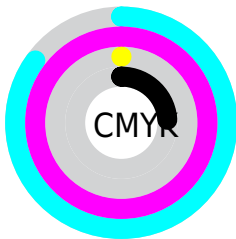
Distribution



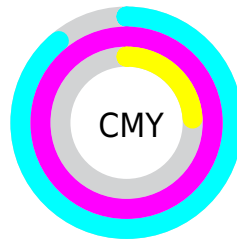
- Red (11%)
- Green (0%)
- Blue (76%)



- Red (11%)
- Yellow (0%)
- Blue (76%)



- Cyan (85%)
- Magenta (100%)
- Yellow (0%)
- Black (24%)



- Cyan (89%)
- Magenta (100%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C00C1 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 1C00C1 by changing the saturation by 10% instead.

 1C00C1

 1C00C1

FFFFFF

 0000A5

 6E3FFB

 00008A

 8E59FF

 00006F

 AE74FF

 000C55

 CD8FFF

 00063D

 ECAAFF

 000326

 FFC6FF

 000110

 FFE3FF

 000000

 1C00C1

 2C13C1

 3D27C1

 4D3AC1

 5E4DC1

 6E61C1

 7F74C1

 9087C1

 A09AC1

 B0AEC1

Harmonies

Analogous

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



0046E4



1C00C1



9D007B

Triad

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



1C00C1



760D00



00504B

Complementary

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



1C00C1



A5C100

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.



004E00



1C00C1



363D00

Square

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



1C00C1



A20000



004A00



00539C

Rectangle

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



1C00C1



B30046



004A00



004F2E

Sweetspot

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



1C00C1



BAAFFA



00A7C1



56507D



FCFCFC



7D7D7D

Same Dimension

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



1C00C1



2400FA



7A00C1



595761



1700A1



050021

Inverse Universe

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



C100A5



FA00D6



47C100



61575F



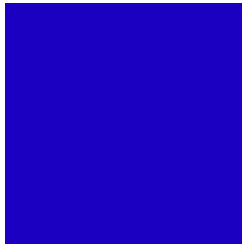
A10089



21001C

Previews

White Background



This preview shows how the Hex color 1C00C1 looks on a white background.

Color Contrast Check

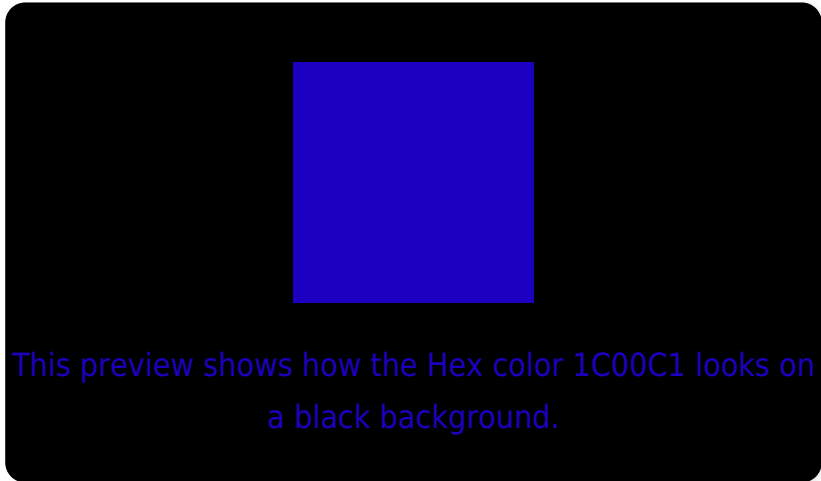
Large Text (above 18pt) WCAG AA ✓ Pass

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

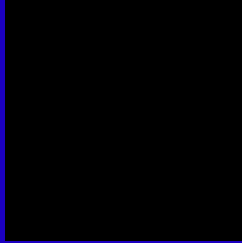
Any Text WCAG AA × Fail

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 1C00C1 Background



This preview shows how black text looks on a background with the Hex color 1C00C1.



This preview shows how white text looks on a background with the Hex color 1C00C1.

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
1C00C1

Protanopia
003979

Deuteranopia
003D66

Trichromacy



Original Color
1C00C1

Protanomaly
0A2493

Deuteranomaly
0A2787

Tritanomaly
0A2A72

Monochromacy



Original Color
1C00C1

Achromatopsia
1E1E1E

Achromatomaly
1D1359

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C00C1 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 #1C00C1 looks like.

```
.text, #text, p{  
    color:#1C00C1  
}
```

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 #1C00C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C00C1
}
```

Border

The CSS property to change the border of an element to Hex 1C00C1 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
#1C00C1 }
```

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

```
.border{ border-color:#1C00C1 }
```

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

Here you see how a box with a 4 pixel #1C00C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C00C1; -webkit-box-shadow:4px 4px  
4px 4px #1C00C1; box-shadow:4px 4px 4px  
4px #1C00C1 }
```

Background

The CSS property to change the background color of an element to Hex 1C00C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C00C1 }
```

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

```
.background{ background-color:#1C00C1 }
```

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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