

Converting Colors

Hex(1C00C9)

Have a look what the booklet for
Hex(1C00C9) contains.

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Color

Hex(1C00C9)

Conversions

Conversions Part 1

Format	Color
Hex	1C00C9
RGB	28, 0, 201
RGB Percent	11%, 0%, 79%
CMY	0.8902, 1.0000, 0.2118
CMYK	0.86, 1.00, 0.00, 0.21
HSL	248°, 100%, 39%
HSV	248°, 100%, 79%
XYZ	11.0215, 4.4639, 55.5391
YIQ	31.2860, -47.8330, 68.4470

Conversions

Conversions Part 2

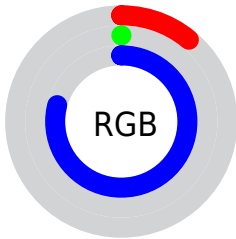
Format	Color
RYB	28, 0, 201
Decimal	1835209
CIELab	25.15, 66.45, -88.85
CIELCh	25, 110.954, 306.793
Yxy	4.4639, 0.1552, 0.0629
Android (android.graphics.Color)	4280025289 (0xFF1C00C9)
YUV	31.2860, 83.6690, -2.8818
Hunter-Lab	21.1280, 56.1412, -141.0657

Details

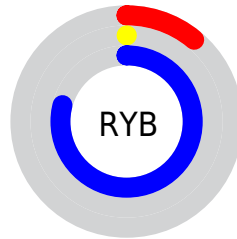
The Hex color **1C00C9** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **ADC900**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **7040FF**, and **000091** is the 20% darker color. If you saturate the color by 10%, you get **1C00C9**, and if you desaturate by 10%, it is **2D14C9**.

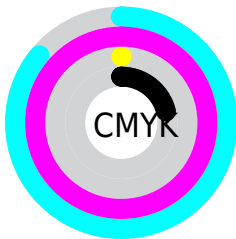
Distribution



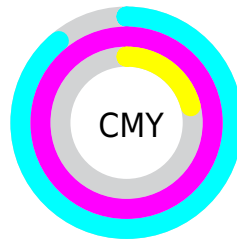
- Red (11%)
- Green (0%)
- Blue (79%)



- Red (11%)
- Yellow (0%)
- Blue (79%)



- Cyan (86%)
- Magenta (100%)
- Yellow (0%)
- Black (21%)



- Cyan (89%)
- Magenta (100%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1C00C9 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 1C00C9 by changing the saturation by 10% instead.

 1C00C9


 1C00C9

FFFFFF

 0000AD

 7040FF

 000091

 915BFF

 000076

 B175FF

 000C5C

 D090FF

 000744

 F0ACFF

 00032D

 FFC8FF

 000117

 FFE5FF


 000000

 1C00C9

 2D14C9

 3F28C9

 503CC9

 6150C9

 7265C9

 8479C9

 958DC9

 A6A1C9

 B8B5C9

Harmonies

Analogous

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



0049ED



1C00C9



A30080

Triad

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



1C00C9



7B0D00



00534E

Complementary

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



1C00C9



ADC900

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.



005100



1C00C9



394000

Square

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



1C00C9



A90000



004D00



0056A3

Rectangle

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



1C00C9



BA0049



004D00



005230

Sweetspot

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



1C00C9



BDB3FF



00AEC9



585280



000000



808080

Same Dimension

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



1C00C9



2400FF



7F00C9



5B5A63



1700A3



050024

Inverse Universe

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



C900AD



FF00DB



4AC900



635A62



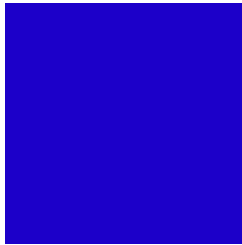
A3008C



24001F

Previews

White Background



This preview shows how the Hex color 1C00C9 looks on a white background.

Color Contrast Check

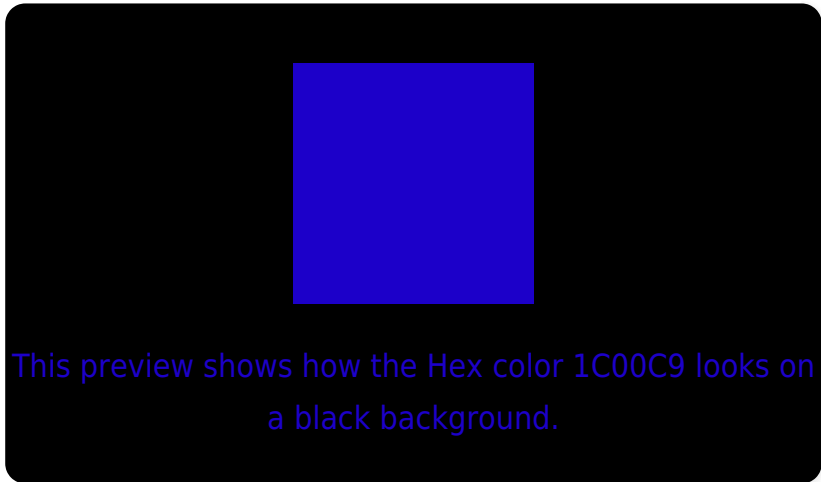
Large Text (above 18pt) WCAG AA ✓ Pass

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

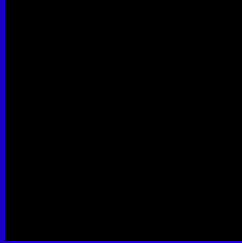
Any Text WCAG AA × Fail

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 1C00C9 Background



This preview shows how black text looks on a background with the Hex color 1C00C9.



This preview shows how white text looks on a background with the Hex color 1C00C9.

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
1C00C9

Protanopia
003C7D

Deuteranopia
00406A

Trichromacy



Original Color
1C00C9

Protanomaly
0A2699

Deuteranomaly
0A298D

Tritanomaly
0A2C77

Monochromacy



Original Color
1C00C9

Achromatopsia
1F1F1F

Achromatomaly
1E145D

CSS Examples

Text

The CSS property to change the color of the text to Hex 1C00C9 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 #1C00C9 looks like.

```
.text, #text, p{  
    color:#1C00C9  
}
```

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 #1C00C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C00C9
}
```

Border

The CSS property to change the border of an element to Hex 1C00C9 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".

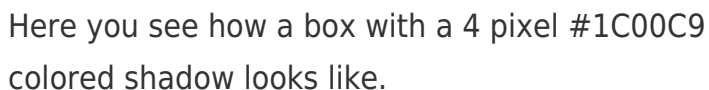
```
.border, #border, table{ border:4px solid
#1C00C9 }
```

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

```
.border{ border-color:#1C00C9 }
```

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

Here you see how a box with a 4 pixel #1C00C9 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C00C9; -webkit-box-shadow:4px 4px  
4px 4px #1C00C9; box-shadow:4px 4px 4px  
4px #1C00C9 }
```

Background

The CSS property to change the background color of an element to Hex 1C00C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C00C9 }
```

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

```
.background{ background-color:#1C00C9 }
```

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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