

Converting Colors

Hex(C00DC8)

Have a look what the booklet for
Hex(C00DC8) contains.

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Color

Hex(C00DC8)

Conversions

Conversions Part 1

Format	Color
Hex	C00DC8
RGB	192, 13, 200
RGB Percent	75%, 5%, 78%
CMY	0.2471, 0.9490, 0.2157
CMYK	0.04, 0.93, 0.00, 0.22
HSL	297°, 88%, 42%
HSV	297°, 94%, 78%
XYZ	32.3075, 15.6644, 55.9643
YIQ	87.8390, 46.6570, 96.1050

Conversions

Conversions Part 2

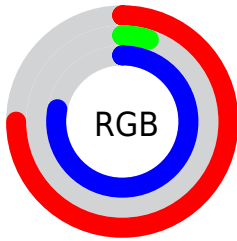
Format	Color
R_{YB}	192, 13, 200
Decimal	12586440
CIE _{Lab}	46.53, 79.42, -52.39
CIE _{LCh}	47, 95.142, 326.585
Yxy	15.6644, 0.3108, 0.1507
Android (android.graphics.Color)	4290776520 (0xFFC00DC8)
YUV	87.8390, 55.2954, 91.3492
Hunter-Lab	39.5783, 76.4460, -56.1321

Details

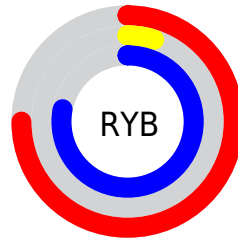
The Hex color **C00DC8** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **15C80D**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **FC5DFF**, and **850091** is the 20% darker color. If you saturate the color by 10%, you get **BF00C8**, and if you desaturate by 10%, it is **C121C8**.

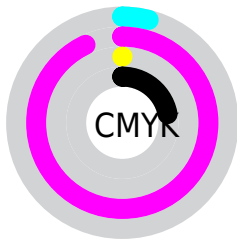
Distribution



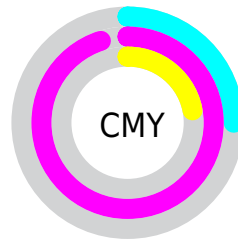
- Red (75%)
- Green (5%)
- Blue (78%)



- Red (75%)
- Yellow (5%)
- Blue (78%)



- Cyan (4%)
- Magenta (93%)
- Yellow (0%)
- Black (22%)



- Cyan (25%)
- Magenta (95%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color C00DC8 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 C00DC8 by changing the saturation by 10% instead.

 C00DC8

 C00DC8

FFFFFF

 A300AC

 FC5DFF

 850091

 FF7CFF

 690077

 FF99FF

 4C005D

 FFB7FF

 310045

 FFD5FF

 0E002D

 FFF3FF

 000117

 000000

 C00DC8

 C00DC8

 BF00C8

 C121C8

 C235C8

 C349C8

 C35DC8

 C471C8

 C585C8

 C699C8

 C7ADC8

 C8C1C8

Harmonies

Analogous

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



285DFF



C00DC8



EE007B

Triad

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



C00DC8



8F6900



008DB5

Complementary

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



C00DC8



15C80D

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.



008C63



C00DC8



3D7E00

Square

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



C00DC8



C93E00



008700



008AF5

Rectangle

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



C00DC8



F10047



008700



008D9A

Sweetspot

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



C00DC8



FCB8FF



0D16C8



7E5480



000000



808080

Same Dimension

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



C00DC8



F400FF



C80D74



635A63



9C00A3



220024

Inverse Universe

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



C80D15



FF000B



0DC861



635A5A



A30007



240002

Previews

White Background



This preview shows how the Hex color C00DC8 looks on a white background.

Color Contrast Check

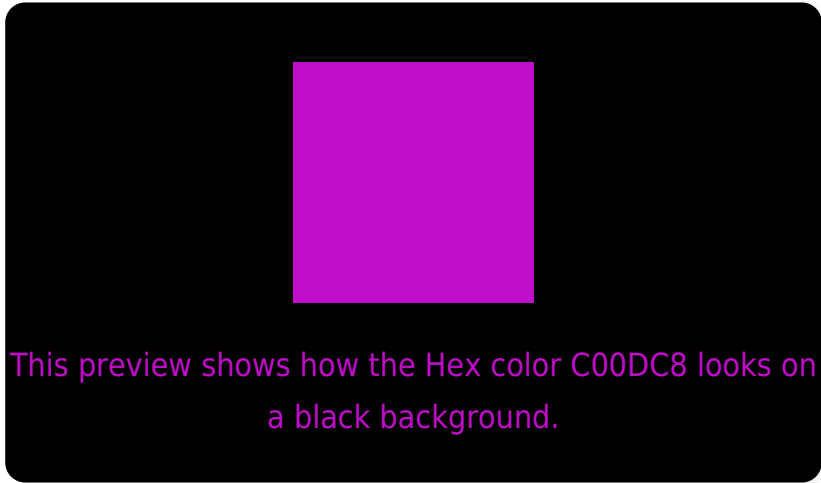
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

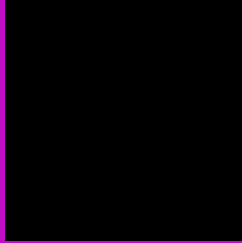
Any Text WCAG AA × Fail

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 C00DC8 Background



This preview shows how black text looks on a background with the Hex color C00DC8.



This preview shows how white text looks on a background with the Hex color C00DC8.

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





Tritanopia
B34F54

Trichromacy



Original Color
C00DC8



Protanomaly
4649DA



Deuteranomaly
6B4CC0



Tritanomaly
B8377E

Monochromacy



Original Color
C00DC8



Achromatopsia
585858



Achromatomaly
7E3D81

CSS Examples

Text

The CSS property to change the color of the text to Hex C00DC8 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 #C00DC8 looks like.

```
.text, #text, p{  
    color:#C00DC8  
}
```

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 #C00DC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C00DC8
}
```

Border

The CSS property to change the border of an element to Hex C00DC8 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
#C00DC8 }
```

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

```
.border{ border-color:#C00DC8 }
```

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

Here you see how a box with a 4 pixel #C00DC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C00DC8; -webkit-box-shadow:4px 4px  
4px 4px #C00DC8; box-shadow:4px 4px 4px  
4px #C00DC8 }
```

Background

The CSS property to change the background color of an element to Hex C00DC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C00DC8 }
```

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

```
.background{ background-color:#C00DC8 }
```

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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