

Converting Colors

Hex(CC0CED)

Have a look what the booklet for
Hex(CC0CED) contains.

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Color

Hex(CC0CED)

Conversions

Conversions Part 1

Format	Color
Hex	CC0CED
RGB	204, 12, 237
RGB Percent	80%, 5%, 93%
CMY	0.2000, 0.9529, 0.0706
CMYK	0.14, 0.95, 0.00, 0.07
HSL	291°, 90%, 49%
HSV	291°, 95%, 93%
XYZ	40.3194, 19.2147, 81.7045
YIQ	95.0580, 42.2070, 110.6790

Conversions

Conversions Part 2

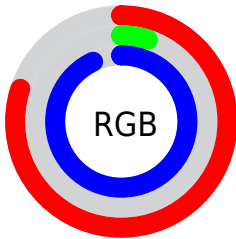
Format	Color
R_{YB}	204, 12, 237
Decimal	13372653
CIE _{Lab}	50.94, 87.17, -66.33
CIE _{LCh}	51, 109.535, 322.728
Yxy	19.2147, 0.2855, 0.1360
Android (android.graphics.Color)	4291562733 (0xFFCC0CED)
YUV	95.0580, 69.9774, 95.5421
Hunter-Lab	43.8346, 87.4749, -79.8280

Details

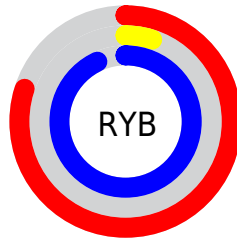
The Hex color **CC0CED** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **2DED0C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **FF61FF**, and **9000B4** is the 20% darker color. If you saturate the color by 10%, you get **CA00ED**, and if you desaturate by 10%, it is **CF24ED**.

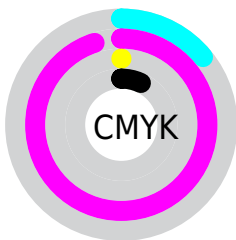
Distribution



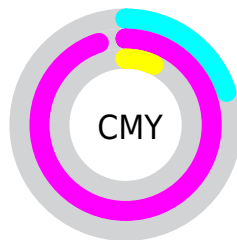
- Red (80%)
- Green (5%)
- Blue (93%)



- Red (80%)
- Yellow (5%)
- Blue (93%)



- Cyan (14%)
- Magenta (95%)
- Yellow (0%)
- Black (7%)



- Cyan (20%)
- Magenta (95%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC0CED 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 CC0CED by changing the saturation by 10% instead.

 CC0CED

 CC0CED

FFFFFF

 AE00D0

 FF61FF

 9000B4

 FF81FF

 720098

 FF9FFF

 55007E

 FFBDFD

 390064

 FFD8FF

 14004B

 FFFAFF

 000033

 00021D

 000000

■ CC0CED

■ CC0CED

■ CA00ED

■ CF24ED

■ D33BED

■ D653ED

■ DA6BED

■ DD83ED

■ E19AED

■ E4B2ED

■ E8CAED

■ EBE1ED

Harmonies

Analogous

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



006CFF



CC0CED



FF0094

Triad

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



CC0CED



A76E00



009CC0

Complementary

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



CC0CED



2DED0C

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.



009A5F



CC0CED



4C8900

Square

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



CC0CED



E83100



009500



009BFF

Rectangle

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



CC0CED



FF0057



009500



009CA1

Sweetspot

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



CC0CED



F5B8FF



0C2EED



795480



000000



808080

Same Dimension

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



CC0CED



DA00FF



ED0C9E



746A75



9A00B5



2E0036

Inverse Universe

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



ED0C2D



FF0025



0CED5B



756A6B



B5001B



360008

Previews

White Background



This preview shows how the Hex color CC0CED looks on a white background.

Color Contrast Check

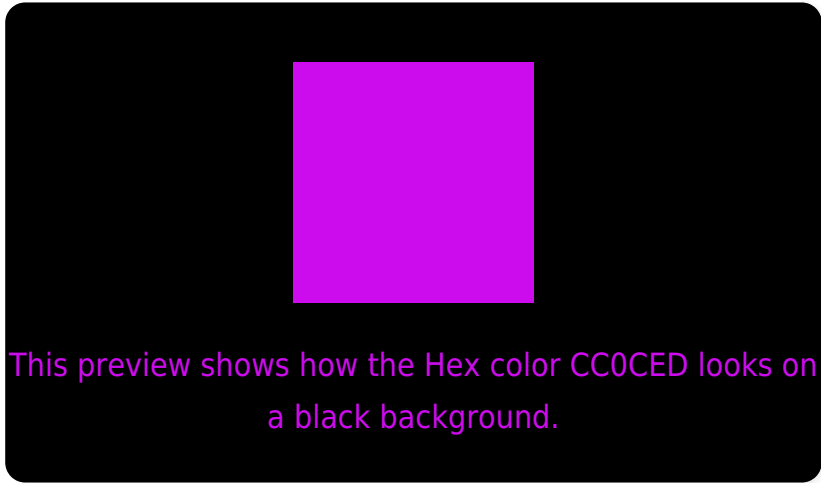
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

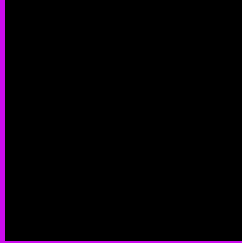
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC0CED Background



This preview shows how black text looks on a background with the Hex color CC0CED.



This preview shows how white text looks on a background with the Hex color CC0CED.

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
CC0CED

Protanopia
0076F9

Deuteranopia
007CDC

Trichromacy



Original Color
CC0CED



Protanomaly
4A4FF5



Deuteranomaly
4A53E2



Tritanomaly
C14096

Monochromacy



Original Color
CC0CED



Achromatopsia
5F5F5F



Achromatomaly
874193

CSS Examples

Text

The CSS property to change the color of the text to Hex CC0CED 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 #CC0CED looks like.

```
.text, #text, p{  
    color:#CC0CED  
}
```

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 #CC0CED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC0CED
}
```

Border

The CSS property to change the border of an element to Hex CC0CED 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
#CC0CED }
```

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

```
.border{ border-color:#CC0CED }
```

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

Here you see how a box with a 4 pixel #CC0CED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC0CED; -webkit-box-shadow:4px 4px  
4px 4px #CC0CED; box-shadow:4px 4px 4px  
4px #CC0CED }
```

Background

The CSS property to change the background color of an element to Hex CC0CED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC0CED }
```

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

```
.background{ background-color:#CC0CED }
```

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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