

Converting Colors

Hex(C30BCD)

Have a look what the booklet for
Hex(C30BCD) contains.

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Color

Hex(C30BCD)

Conversions

Conversions Part 1

Format	Color
Hex	C30BCD
RGB	195, 11, 205
RGB Percent	76%, 4%, 80%
CMY	0.2353, 0.9569, 0.1961
CMYK	0.05, 0.95, 0.00, 0.20
HSL	297°, 90%, 42%
HSV	297°, 95%, 80%
XYZ	33.6448, 16.2492, 59.1207
YIQ	88.1320, 47.3900, 99.3420

Conversions

Conversions Part 2

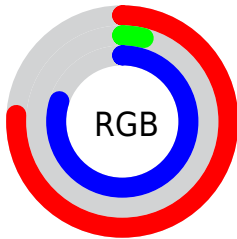
Format	Color
RYB	195, 11, 205
Decimal	12782541
CIELab	47.30, 80.85, -54.03
CIELCh	47, 97.241, 326.249
Yxy	16.2492, 0.3086, 0.1491
Android (android.graphics.Color)	4290972621 (0xFFC30BCD)
YUV	88.1320, 57.6159, 93.7232
Hunter-Lab	40.3103, 78.4410, -58.7399

Details

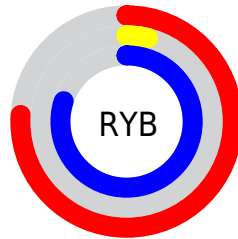
The Hex color **C30BCD** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **15CD0B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **FF5EFF**, and **880096** is the 20% darker color. If you saturate the color by 10%, you get **C200CD**, and if you desaturate by 10%, it is **C41FCD**.

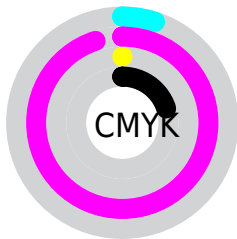
Distribution



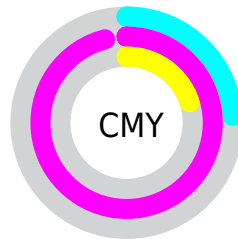
- Red (76%)
- Green (4%)
- Blue (80%)



- Red (76%)
- Yellow (4%)
- Blue (80%)



- Cyan (5%)
- Magenta (95%)
- Yellow (0%)
- Black (20%)



- Cyan (24%)
- Magenta (96%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color C30BCD 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 C30BCD by changing the saturation by 10% instead.

 C30BCD

 C30BCD

FFFFFF

 A500B1

 FF5EFF

 880096

 FF7CFF

 6B007B

 FF9AFF

 4F0062

 FFB8FF

 340049

 FFD5FF

 120031

 FFF4FF

 00011B

 000000

 C30BCD

 C30BCD

 C200CD

 C41FCD

 C534CD

 C649CD

 C75DCD

 C872CD

 C986CD

 CA9BCD

 CBAFCD

 CDC3CD

Harmonies

Analogous

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



1E5FFF



C30BCD



F3007E

Triad

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



C30BCD



926A00



0090B7

Complementary

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



C30BCD



15CD0B

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.



008E63



C30BCD



3F8000

Square

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



C30BCD



CD3E00



008A00



008DFA

Rectangle

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



C30BCD



F60049



008A00



008F9C

Sweetspot

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



C30BCD



FBB8FF



0B18CD



7D5480



000000



808080

Same Dimension

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



C30BCD



F200FF



CD0B79



655C66



9D00A6



240026

Inverse Universe

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



CD0B15



FF000D



0BCD5F



665C5C



A60009



260002

Previews

White Background



This preview shows how the Hex color C30BCD looks on a white background.

Color Contrast Check

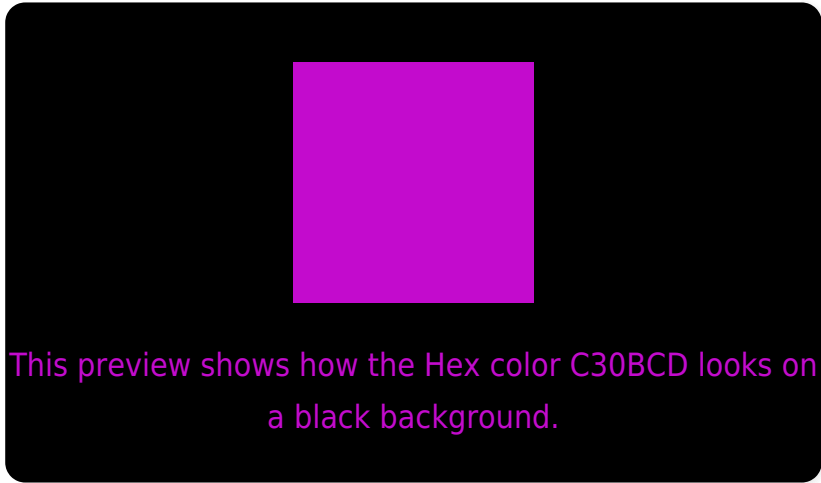
Large Text (above 18pt) WCAG AA ✓ Pass

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 C30BCD Background



This preview shows how black text looks on a background with the Hex color C30BCD.

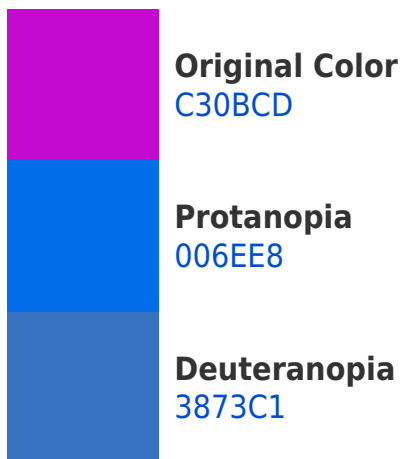



This preview shows how white text looks on a background with the Hex color C30BCD.

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
B55156

Trichromacy



Original Color
C30BCD



Protanomaly
474ADE



Deuteranomaly
6B4DC5



Tritanomaly
BA3881

Monochromacy



Original Color
C30BCD



Achromatopsia
585858



Achromatomaly
7F3C83

CSS Examples

Text

The CSS property to change the color of the text to Hex C30BCD 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 #C30BCD looks like.

```
.text, #text, p{  
    color:#C30BCD  
}
```

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 #C30BCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C30BCD
}
```

Border

The CSS property to change the border of an element to Hex C30BCD 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
#C30BCD }
```

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

```
.border{ border-color:#C30BCD }
```

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

Here you see how a box with a 4 pixel #C30BCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C30BCD; -webkit-box-shadow:4px 4px  
4px 4px #C30BCD; box-shadow:4px 4px 4px  
4px #C30BCD }
```

Background

The CSS property to change the background color of an element to Hex C30BCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C30BCD }
```

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

```
.background{ background-color:#C30BCD }
```

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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