

Converting Colors

Hex(C84DD0)

Have a look what the booklet for
Hex(C84DD0) contains.

Hex(C84DD0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(C84DD0)

Conversions

Conversions Part 1

Format	Color
Hex	C84DD0
RGB	200, 77, 208
RGB Percent	78%, 30%, 82%
CMY	0.2157, 0.6980, 0.1843
CMYK	0.04, 0.63, 0.00, 0.18
HSL	296°, 58%, 56%
HSV	296°, 63%, 82%
XYZ	37.8585, 22.1412, 61.9528
YIQ	128.7110, 31.2570, 66.8170

Conversions

Conversions Part 2

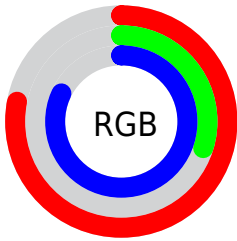
Format	Color
RYB	200, 77, 208
Decimal	13127120
CIELab	54.18, 65.40, -44.73
CIELCh	54, 79.236, 325.627
Yxy	22.1412, 0.3104, 0.1816
Android (android.graphics.Color)	4291317200 (0xFFC84DD0)
YUV	128.7110, 39.0895, 62.5205
Hunter-Lab	47.0544, 61.2701, -45.1244

Details

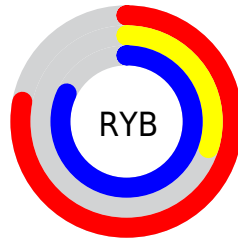
The Hex color **C84DD0** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **55D04D**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF86FF**, and **8F0099** is the 20% darker color. If you saturate the color by 10%, you get **C738D0**, and if you desaturate by 10%, it is **C962D0**.

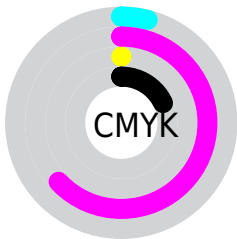
Distribution



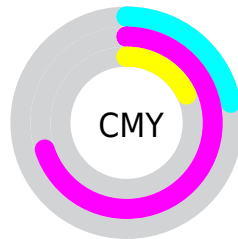
- Red (78%)
- Green (30%)
- Blue (82%)



- Red (78%)
- Yellow (30%)
- Blue (82%)



- Cyan (4%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)



- Cyan (22%)
- Magenta (70%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color C84DD0 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 C84DD0 by changing the saturation by 10% instead.

 C84DD0

 C84DD0

FFFFFF

 AB2FB4

 FF86FF

 8F0099

 FFA2FF

 73007F

 FFBFFF

 570065


 FFDCFF

 3D004C

 FFF9FF

 220035

 00021E

 000001

 000000

 C84DD0

 C84DD0

 C738D0

 C962D0

 C523D0

 CB77D0

 C40FD0

 CC8BD0

 C300D0

 CDA0D0

 CEB5D0

 D0CAD0

 D1DFD0

 D2F3D0

 D3FFD0

Harmonies

Analogous

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



6074FF



C84DD0



F2248F

Triad

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



C84DD0



A57B00



009FBB

Complementary

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



C84DD0



55D04D

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.



009E75



C84DD0



648F00

Square

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



C84DD0



D75C00



00992B



009BF3

Rectangle

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



C84DD0



F72761



00992B



009FA5

Sweetspot

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



C84DD0



FCCFFF



4D56D0



7E6280



000000



808080

Same Dimension

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



C84DD0



F33DFF



D04D97



685E69



9E00A8



260029

Inverse Universe

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



D04D55



FF3D49



4DD086



695E5F



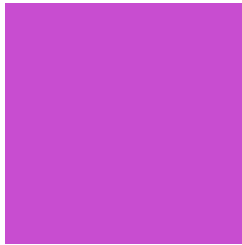
A8000A



290002

Previews

White Background



This preview shows how the Hex color C84DD0 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

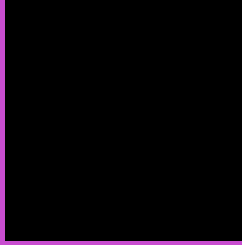
Any Text WCAG AA ✓ Pass

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 C84DD0 Background



This preview shows how black text looks on a background with the Hex color C84DD0.

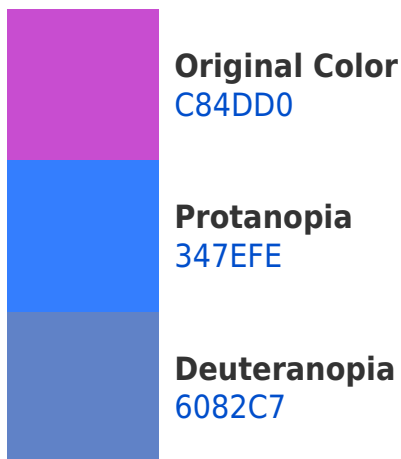



This preview shows how white text looks on a background with the Hex color C84DD0.

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
BC6971

Trichromacy



Original Color
C84DD0



Protanomaly
6A6CED



Deuteranomaly
866FCA



Tritanomaly
C05F94

Monochromacy



Original Color
C84DD0



Achromatopsia
818181



Achromatomaly
9B6E9E

CSS Examples

Text

The CSS property to change the color of the text to Hex C84DD0 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 #C84DD0 looks like.

```
.text, #text, p{  
    color:#C84DD0  
}
```

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 #C84DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84DD0
}
```

Border

The CSS property to change the border of an element to Hex C84DD0 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
#C84DD0 }
```

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

```
.border{ border-color:#C84DD0 }
```

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

Here you see how a box with a 4 pixel #C84DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84DD0; -webkit-box-shadow:4px 4px  
4px 4px #C84DD0; box-shadow:4px 4px 4px  
4px #C84DD0 }
```

Background

The CSS property to change the background color of an element to Hex C84DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84DD0 }
```

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

```
.background{ background-color:#C84DD0 }
```

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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