

Converting Colors

Hex(C84BDA)

Have a look what the booklet for
Hex(C84BDA) contains.

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Color

Hex(C84BDA)

Conversions

Conversions Part 1

Format	Color
Hex	C84BDA
RGB	200, 75, 218
RGB Percent	78%, 29%, 85%
CMY	0.2157, 0.7059, 0.1451
CMYK	0.08, 0.66, 0.00, 0.15
HSL	292°, 66%, 57%
HSV	292°, 66%, 85%
XYZ	38.9904, 22.3735, 68.5932
YIQ	128.6770, 28.5970, 70.9730

Conversions

Conversions Part 2

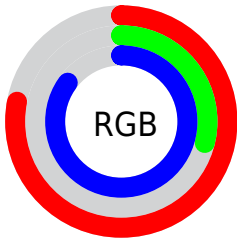
Format	Color
R_{YB}	200, 75, 218
Decimal	13126618
CIE _{Lab}	54.42, 67.98, -50.03
CIE _{LCh}	54, 84.405, 323.645
Yxy	22.3735, 0.3000, 0.1722
Android (android.graphics.Color)	4291316698 (0xFFC84BDA)
YUV	128.6770, 44.0362, 62.5503
Hunter-Lab	47.3006, 64.3634, -52.8692

Details

The Hex color **C84BDA** 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 **5DDA4B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF84FF**, and **8E00A2** is the 20% darker color. If you saturate the color by 10%, you get **C535DA**, and if you desaturate by 10%, it is **CB61DA**.

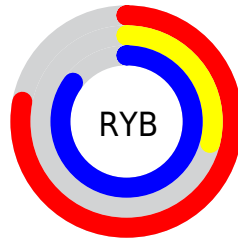
Distribution



Red (78%)

Green (29%)

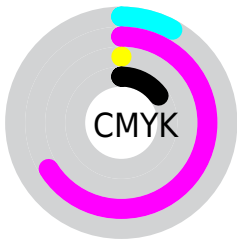
Blue (85%)



Red (78%)

Yellow (29%)

Blue (85%)

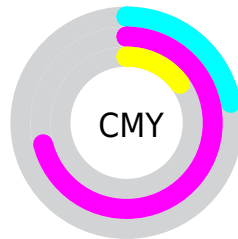


Cyan (8%)

Magenta (66%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (71%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color C84BDA 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 C84BDA by changing the saturation by 10% instead.

 C84BDA

FFFFFF

 FF84FF

 FFA1FF

 FFBDFE

 FFDBFF

 FFF8FF

 C84BDA

 AB2CBE

 8E00A2

 720088

 56006E

 3B0054

 20003C

 000225

 00010E

 000000

 C84BDA

 C84BDA

 C535DA

 CB61DA

 C31FDA

 CD77DA

 C00ADA

 D08CDA

 BF00DA

 D3A2DA

 D6B8DA

 D8CEDA

 DBE4DA

 DEF9DA

 E1FFDA

Harmonies

Analogous

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



4B76FF



C84BDA



F80D95

Triad

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



C84BDA



AB7A00



00A1BB

Complementary

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



C84BDA



5DDA4B

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.



00A070



C84BDA



668F00

Square

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



C84BDA



DF5700



009A1D



009DF8

Rectangle

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



C84BDA



FF0B65



009A1D



00A1A3

Sweetspot

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



C84BDA



F9CCFF



4B5EDA



7C6180



000000



808080

Same Dimension

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



C84BDA



E636FF



DA4BA6



6C636E



9800AD



28002E

Inverse Universe

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



DA4B5D



FF364F



4BDA7F



6E6364



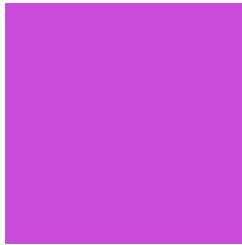
AD0016



2E0006

Previews

White Background



This preview shows how the Hex color C84BDA looks on a white background.

Color Contrast Check

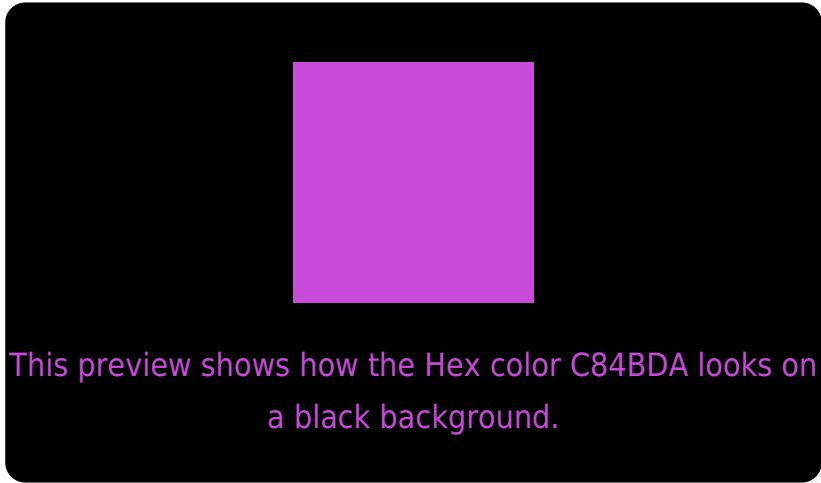
Large Text (above 18pt) WCAG AA ✓ Pass

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

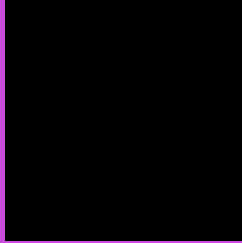
Any Text WCAG AA ✓ Pass

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 C84BDA Background



This preview shows how black text looks on a background with the Hex color C84BDA.

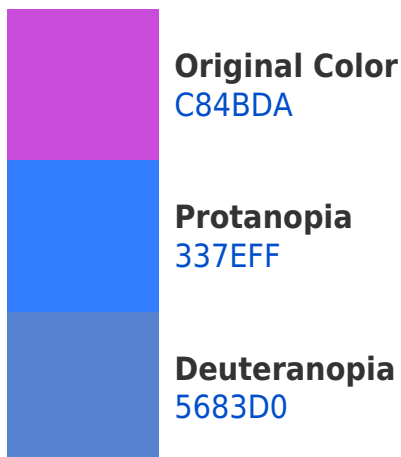



This preview shows how white text looks on a background with the Hex color C84BDA.

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
BB6B73

Trichromacy



Original Color
C84BDA



Protanomaly
696BF2



Deuteranomaly
7F6FD4



Tritanomaly
C05F98

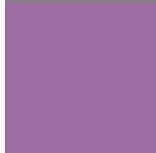
Monochromacy



Original Color
C84BDA



Achromatopsia
818181



Achromatomaly
9B6DA1

CSS Examples

Text

The CSS property to change the color of the text to Hex C84BDA 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 #C84BDA looks like.

```
.text, #text, p{  
  color:#C84BDA  
}
```

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 #C84BDA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C84BDA
}
```

Border

The CSS property to change the border of an element to Hex C84BDA 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
#C84BDA }
```

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

```
.border{ border-color:#C84BDA }
```

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

Here you see how a box with a 4 pixel #C84BDA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C84BDA; -webkit-box-shadow:4px 4px  
4px 4px #C84BDA; box-shadow:4px 4px 4px  
4px #C84BDA }
```

Background

The CSS property to change the background color of an element to Hex C84BDA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C84BDA }
```

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

```
.background{ background-color:#C84BDA }
```

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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