

Converting Colors

Hex(C742BA)

Have a look what the booklet for
Hex(C742BA) contains.

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Color

Hex(C742BA)

Conversions

Conversions Part 1

Format	Color
Hex	C742BA
RGB	199, 66, 186
RGB Percent	78%, 26%, 73%
CMY	0.2196, 0.7412, 0.2706
CMYK	0.00, 0.67, 0.07, 0.22
HSL	306°, 54%, 52%
HSV	306°, 67%, 78%
XYZ	34.3643, 19.5837, 48.4232
YIQ	119.4470, 40.7480, 65.5160

Conversions

Conversions Part 2

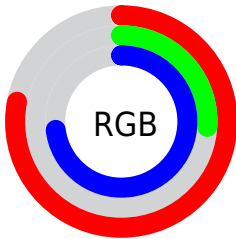
Format	Color
R _Y B	199, 66, 186
Decimal	13058746
CIE Lab	51.36, 65.84, -36.52
CIE LCh	51, 75.289, 330.986
Yxy	19.5837, 0.3357, 0.1913
Android (android.graphics.Color)	4291248826 (0xFFC742BA)
YUV	119.4470, 32.8106, 69.7680
Hunter-Lab	44.2535, 61.1677, -33.8991

Details

The Hex color **C742BA** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **42C74F**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **FF7CF3**, and **8D0084** is the 20% darker color. If you saturate the color by 10%, you get **C72EB8**, and if you desaturate by 10%, it is **C756BC**.

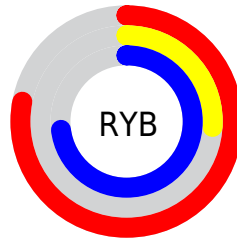
Distribution



Red (78%)

Green (26%)

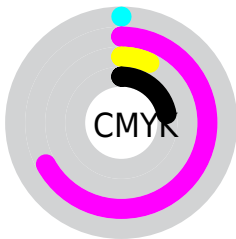
Blue (73%)



Red (78%)

Yellow (26%)

Blue (73%)

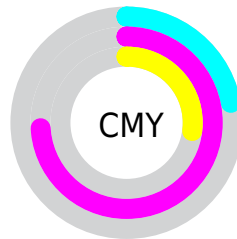


Cyan (0%)

Magenta (67%)

Yellow (7%)

Black (22%)



Cyan (22%)

Magenta (74%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color C742BA 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 C742BA by changing the saturation by 10% instead.

 C742BA

 C742BA

FFFFFF

 AA209F

 FF7CF3

 8D0084

 FF98FF

 71006B

 FFB5FF

 560052

 FFD2FF

 3D003B

 FFEFFF

 200024

 00000B

 000000

 C742BA

 C742BA

 C72EB8

 C756BC

 C71AB6

 C76ABE

 C706B4

 C77EC0

 C700B4

 C792C2

 C7A6C4

 C7B9C6

 C7CDC8

 C7E1CA

 C7F5CC

Harmonies

Analogous

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



7568EA



C742BA



E7227B

Triad

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



C742BA



927900



0096BB

Complementary

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



C742BA



42C74F

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.



00967B



C742BA



518900

Square

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



C742BA



C45E00



009236



0090EB

Rectangle

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



C742BA



E82D51



009236



0096A7

Sweetspot

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



C742BA



FFCCFA



4D42C7



80617D



000000



808080

Same Dimension

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



C742BA



FF33EB



C74279



635A62



A30093



240020

Inverse Universe

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



C742BA



FF33EB



42C790



635A62



A30093



240020

Previews

White Background



This preview shows how the Hex color C742BA 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

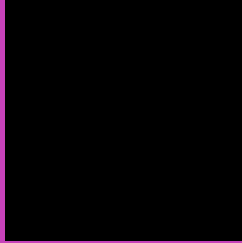
Any Text WCAG AA ✓ Pass

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 C742BA Background



This preview shows how black text looks on a background with the Hex color C742BA.

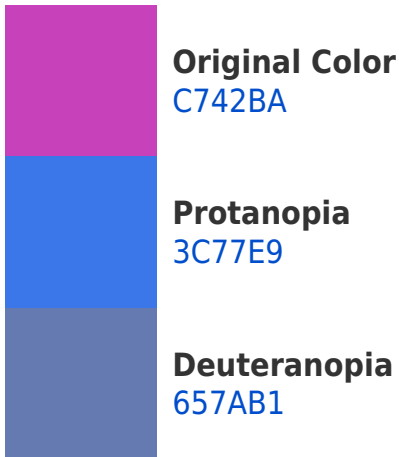


This preview shows how white text looks on a background with the Hex color C742BA.

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



Trichromacy



Original Color
C742BA



Protanomaly
6F64D8



Deuteranomaly
8966B4



Tritanomaly
C15383

Monochromacy



Original Color
C742BA



Achromatopsia
777777



Achromatomaly
94648F

CSS Examples

Text

The CSS property to change the color of the text to Hex C742BA 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 #C742BA looks like.

```
.text, #text, p{  
    color:#C742BA  
}
```

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 #C742BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C742BA
}
```

Border

The CSS property to change the border of an element to Hex C742BA 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
#C742BA }
```

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

```
.border{ border-color:#C742BA }
```

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

Here you see how a box with a 4 pixel #C742BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C742BA; -webkit-box-shadow:4px 4px  
4px 4px #C742BA; box-shadow:4px 4px 4px  
4px #C742BA }
```

Background

The CSS property to change the background color of an element to Hex C742BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C742BA }
```

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

```
.background{ background-color:#C742BA }
```

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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