

Converting Colors

Hex(C706BC)

Have a look what the booklet for
Hex(C706BC) contains.

Hex(C706BC)	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(C706BC)

Conversions

Conversions Part 1

Format	Color
Hex	C706BC
RGB	199, 6, 188
RGB Percent	78%, 2%, 74%
CMY	0.2196, 0.9765, 0.2627
CMYK	0.00, 0.97, 0.06, 0.22
HSL	303°, 94%, 40%
HSV	303°, 97%, 78%
XYZ	32.6954, 15.9032, 48.9233
YIQ	84.4550, 56.6060, 97.5180

Conversions

Conversions Part 2

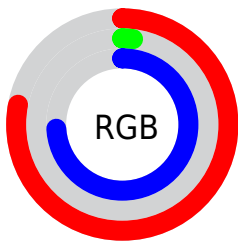
Format	Color
RYB	199, 6, 188
Decimal	13043388
CIELab	46.85, 79.44, -44.83
CIElCh	47, 91.219, 330.565
Yxy	15.9032, 0.3353, 0.1631
Android (android.graphics.Color)	4291233468 (0xFFC706BC)
YUV	84.4550, 51.0477, 100.4560
Hunter-Lab	39.8788, 76.5587, -44.8218

Details

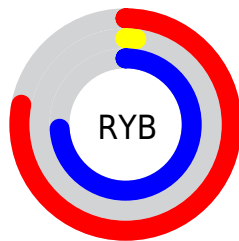
The Hex color **C706BC** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as dark washed rose. A complement of this color would be **06C711**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **FF5CF5**, and **8C0086** is the 20% darker color. If you saturate the color by 10%, you get **C700BC**, and if you desaturate by 10%, it is **C71ABD**.

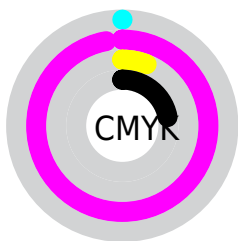
Distribution



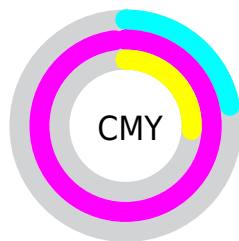
- Red (78%)
- Green (2%)
- Blue (74%)



- Red (78%)
- Yellow (2%)
- Blue (74%)



- Cyan (0%)
- Magenta (97%)
- Yellow (6%)
- Black (22%)



- Cyan (22%)
- Magenta (98%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color C706BC 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 C706BC by changing the saturation by 10% instead.

 C706BC

 C706BC

FFFFFF

 A900A1

 FF5CF5

 8C0086

 FF7BFF

 6F006C

 FF99FF

 530053

 FFB6FF

 38003B

 FFD4FF

 190024

 FFF2FF

 00000C

 000000

 C706BC

 C706BC

 C700BC

 C71ABD

 C72EBE

 C742BF

 C756C1

 C76AC2

 C77DC3

 C791C4

 C7A5C5

 C7B9C6

Harmonies

Analogous

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



5959F6



C706BC



EC0071

Triad

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



C706BC



876D00



008DBC

Complementary

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



C706BC



06C711

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.



008C6F



C706BC



338000

Square

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



C706BC



C14900



008815



0089F6

Rectangle

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



C706BC



EC0040



008815



008DA3

Sweetspot

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



C706BC



FFB5FB



1006C7



80537D



000000



808080

Same Dimension

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



C706BC



FF00F0



C7065D



635A63



A3009A



240022

Inverse Universe

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



C706BC



FF00F0



06C770



635A63



A3009A



240022

Previews

White Background



This preview shows how the Hex color C706BC looks on a white background.

Color Contrast Check

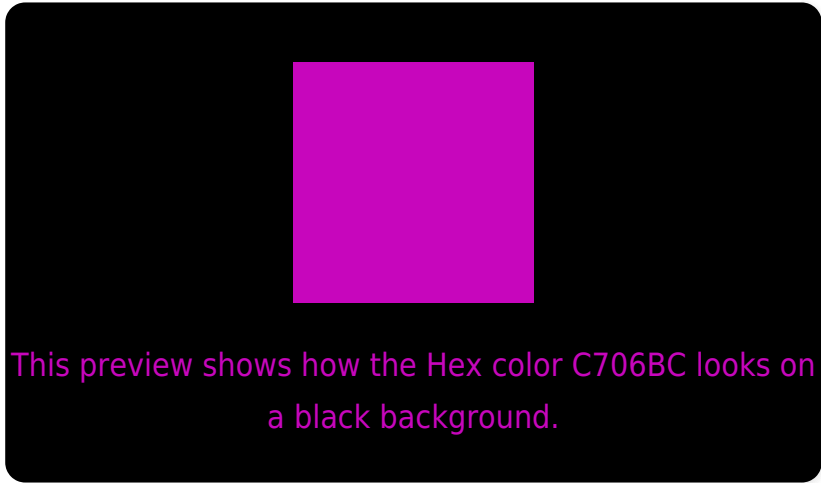
Large Text (above 18pt) WCAG AA ✓ Pass

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

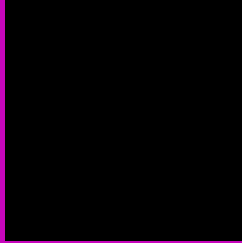
Any Text WCAG AA × Fail

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 C706BC Background



This preview shows how black text looks on a background with the Hex color C706BC.



This preview shows how white text looks on a background with the Hex color C706BC.

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
BC4A4F

Trichromacy



Original Color
C706BC



Protanomaly
4848D7



Deuteranomaly
7A4AB5



Tritanomaly
C03177

Monochromacy



Original Color
C706BC



Achromatopsia
545454



Achromatomaly
7E387A

CSS Examples

Text

The CSS property to change the color of the text to Hex C706BC 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 #C706BC looks like.

```
.text, #text, p{  
    color:#C706BC  
}
```

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 #C706BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C706BC
}
```

Border

The CSS property to change the border of an element to Hex C706BC 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
#C706BC }
```

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

```
.border{ border-color:#C706BC }
```

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

Here you see how a box with a 4 pixel #C706BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C706BC; -webkit-box-shadow:4px 4px  
4px 4px #C706BC; box-shadow:4px 4px 4px  
4px #C706BC }
```

Background

The CSS property to change the background color of an element to Hex C706BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C706BC }
```

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

```
.background{ background-color:#C706BC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor