

Converting Colors

Hex(CC7BCC)

Have a look what the booklet for
Hex(CC7BCC) contains.

Hex(CC7BCC)	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(CC7BCC)

Conversions

Conversions Part 1

Format	Color
Hex	CC7BCC
RGB	204, 123, 204
RGB Percent	80%, 48%, 80%
CMY	0.2000, 0.5176, 0.2000
CMYK	0.00, 0.40, 0.00, 0.20
HSL	300°, 44%, 64%
HSV	300°, 40%, 80%
XYZ	42.8839, 31.3629, 60.9202
YIQ	156.4530, 22.2750, 42.3630

Conversions

Conversions Part 2

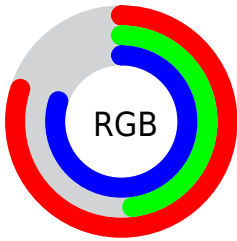
Format	Color
RYB	204, 123, 204
Decimal	13401036
CIELab	62.81, 43.78, -28.92
CIElCh	63, 52.469, 326.554
Yxy	31.3629, 0.3173, 0.2320
Android (android.graphics.Color)	4291591116 (0xFFCC7BCC)
YUV	156.4530, 23.4407, 41.6987
Hunter-Lab	56.0026, 38.6814, -25.2944

Details

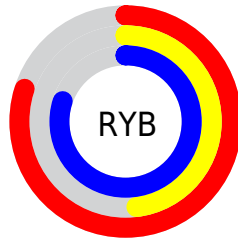
The Hex color **CC7BCC** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **7BCC7B**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **FFB1FF**, and **944796** is the 20% darker color. If you saturate the color by 10%, you get **CC67CC**, and if you desaturate by 10%, it is **CC8FCC**.

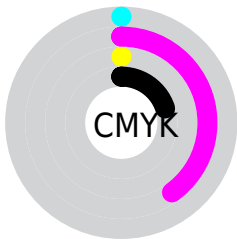
Distribution



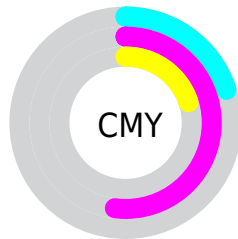
- Red (80%)
- Green (48%)
- Blue (80%)



- Red (80%)
- Yellow (48%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (0%)
- Black (20%)



- Cyan (20%)
- Magenta (52%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color CC7BCC 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 CC7BCC by changing the saturation by 10% instead.

 CC7BCC

 CC7BCC

FFFFFF

 B061B0

 FFB1FF

 944796

 FFCDFD

 792E7B

 FFEAFF

 5F1262

 45004A

 2E0033

 0E001D

 000000

 CC7BCC

 CC7BCC

 CC67CC

 CC8FCC

 CC52CC

 CCA4CC

 CC3ECC

 CCB8CC

 CC29CC

 CCCDCC

 CC15CC

 CCE1CC

 CC01CC

 CCF5CC

 CC00CC

 CCFFCC

Harmonies

Analogous

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



918EEC



CC7BCC



EA6F9F

Triad

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



CC7BCC



B79436



00AFC0

Complementary

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



CC7BCC



7BCC7B

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.



00AF91



CC7BCC



89A240

Square

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



CC7BCC



DA824B



4DAA62



00AAE5

Rectangle

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



CC7BCC



EF7080



4DAA62



00AFB1

Sweetspot

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



CC7BCC



FFE0FF



7B7BCC



806E80



000000



808080

Same Dimension

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



CC7BCC



FF85FF



CC7BA4



665C66



A600A6



260026

Inverse Universe

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



CC7BCC



FF85FF



7BCCA4



665C66



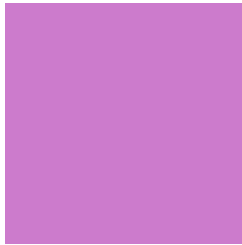
A600A6



260026

Previews

White Background



This preview shows how the Hex color CC7BCC looks on a white background.

Color Contrast Check

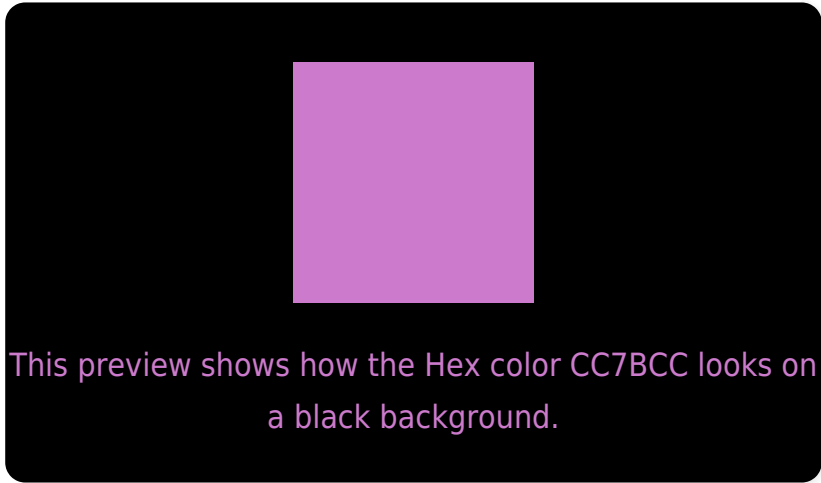
Large Text (above 18pt) WCAG AA × Fail

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

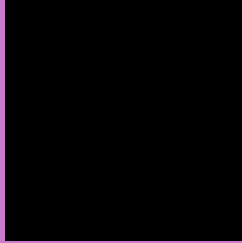
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex CC7BCC Background



This preview shows how black text looks on a background with the Hex color CC7BCC.

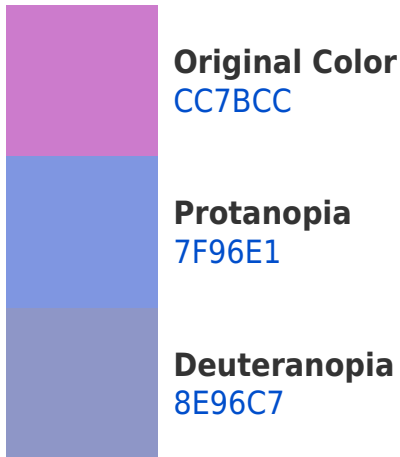


This preview shows how white text looks on a background with the Hex color CC7BCC.

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
C48792

Trichromacy



Original Color
CC7BCC



Protanomaly
9B8CD9



Deuteranomaly
A58CC9

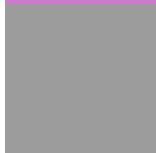


Tritanomaly
C783A7

Monochromacy



Original Color
CC7BCC



Achromatopsia
9C9C9C



Achromatomaly
AD90AD

CSS Examples

Text

The CSS property to change the color of the text to Hex CC7BCC 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 #CC7BCC looks like.

```
.text, #text, p{  
  color:#CC7BCC  
}
```

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 #CC7BCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CC7BCC  
}
```

Border

The CSS property to change the border of an element to Hex CC7BCC 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  
#CC7BCC }
```

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

```
.border{ border-color:#CC7BCC }
```

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

Here you see how a box with a 4 pixel #CC7BCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CC7BCC; -webkit-box-shadow:4px 4px  
4px 4px #CC7BCC; box-shadow:4px 4px 4px  
4px #CC7BCC }
```

Background

The CSS property to change the background color of an element to Hex CC7BCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CC7BCC }
```

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

```
.background{ background-color:#CC7BCC }
```

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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