

Converting Colors

Hex(CB607D)

Have a look what the booklet for
Hex(CB607D) contains.

Hex(CB607D)	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(CB607D)

Conversions

Conversions Part 1

Format	Color
Hex	CB607D
RGB	203, 96, 125
RGB Percent	80%, 38%, 49%
CMY	0.2039, 0.6235, 0.5098
CMYK	0.00, 0.53, 0.38, 0.20
HSL	344°, 51%, 59%
HSV	344°, 53%, 80%
XYZ	32.5131, 22.5429, 22.0396
YIQ	131.2990, 54.4630, 31.7030

Conversions

Conversions Part 2

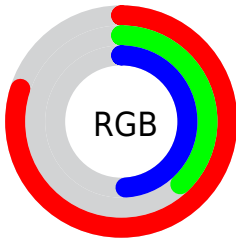
Format	Color
R_{YB}	203, 96, 125
Decimal	13328509
CIE _{Lab}	54.60, 45.38, 4.29
CIE _{LCh}	55, 45.584, 5.402
Yxy	22.5429, 0.4217, 0.2924
Android (android.graphics.Color)	4291518589 (0xFFCB607D)
YUV	131.2990, -3.1054, 62.8818
Hunter-Lab	47.4794, 39.1451, 5.7135

Details

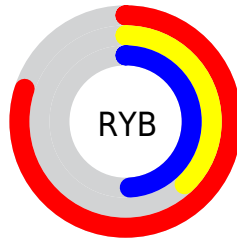
The Hex color **CB607D** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **60CBAE**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF96B1**, and **912B4C** is the 20% darker color. If you saturate the color by 10%, you get **CB4C6E**, and if you desaturate by 10%, it is **CB748C**.

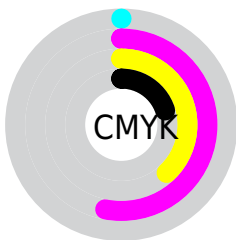
Distribution



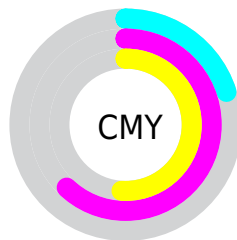
- Red (80%)
- Green (38%)
- Blue (49%)



- Red (80%)
- Yellow (38%)
- Blue (49%)



- Cyan (0%)
- Magenta (53%)
- Yellow (38%)
- Black (20%)



- Cyan (20%)
- Magenta (62%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB607D 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 CB607D by changing the saturation by 10% instead.

 CB607D

 CB607D

FFFFFF

 AE4664

 FF96B1

 912B4C

 FFB1CD

 750A36

 FFC EE9

 5A0021

 FFEAFF

 3F0009

 240001

 000000

 CB607D

 CB607D

 CB4C6E

 CB748C

 CB375F

 CB899B

 CB2351

 CB9DA9

 CB0F42

 CBB1B8

 CB0037

 CBC6C7

 CBDAD6

 CBEEE5

 CBFFF3

 CBFFFF

Harmonies

Analogous

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



B966A4



CB607D



C86757

Triad

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



CB607D



698D3F



008FCA

Complementary

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



CB607D



60CBAE

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.



0095AF



CB607D



2E9460

Square

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



CB607D



928330



009689



4685D1

Rectangle

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



CB607D



BC7042



009689



0092C3

Sweetspot

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



CB607D



FFD6E1



AD60CB



80676E



000000



808080

Same Dimension

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



CB607D



FF5E8A



CB7760



665C5F



A6002D



26000A

Inverse Universe

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



CB607D



FF5E8A



60B4CB



665C5F



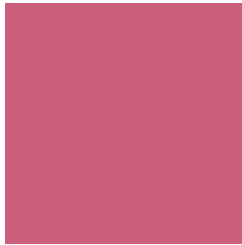
A6002D



26000A

Previews

White Background



This preview shows how the Hex color CB607D looks on a white background.

Color Contrast Check

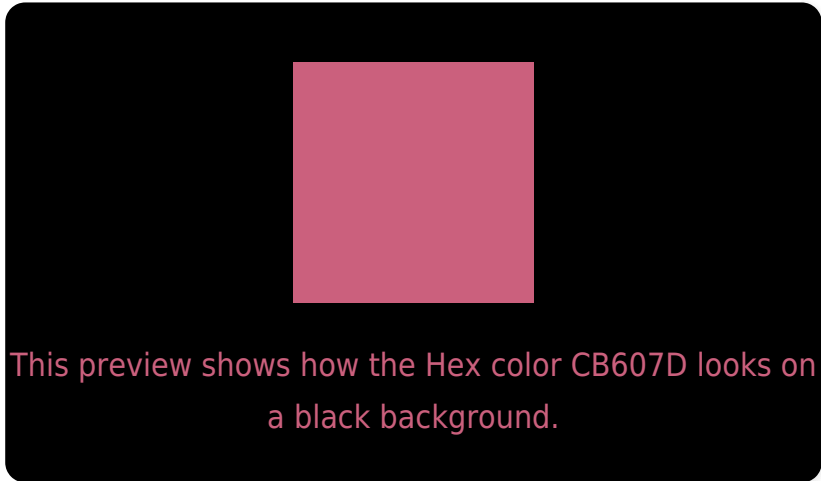
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB607D Background



This preview shows how black text looks on a background with the Hex color CB607D.




This preview shows how white text looks on a background with the Hex color CB607D.

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](#).

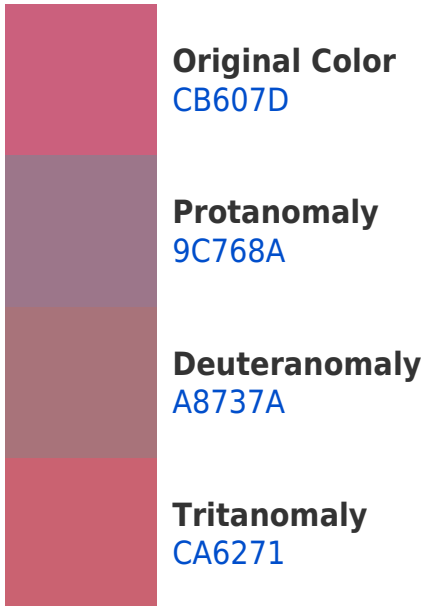
Dichromacy





Tritanopia
CA636A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB607D 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 #CB607D looks like.

```
.text, #text, p{  
    color:#CB607D  
}
```

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 #CB607D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB607D
}
```

Border

The CSS property to change the border of an element to Hex CB607D 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
#CB607D }
```

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

```
.border{ border-color:#CB607D }
```

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

Here you see how a box with a 4 pixel #CB607D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB607D; -webkit-box-shadow:4px 4px  
4px 4px #CB607D; box-shadow:4px 4px 4px  
4px #CB607D }
```

Background

The CSS property to change the background color of an element to Hex CB607D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB607D }
```

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

```
.background{ background-color:#CB607D }
```

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