

Converting Colors

Hex(CB307A)

Have a look what the booklet for
Hex(CB307A) contains.

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Color

Hex(CB307A)

Conversions

Conversions Part 1

Format	Color
Hex	CB307A
RGB	203, 48, 122
RGB Percent	80%, 19%, 48%
CMY	0.2039, 0.8118, 0.5216
CMYK	0.00, 0.76, 0.40, 0.20
HSL	331°, 62%, 49%
HSV	331°, 76%, 80%
XYZ	29.1984, 16.2156, 20.0033
YIQ	102.7810, 68.6260, 55.8740

Conversions

Conversions Part 2

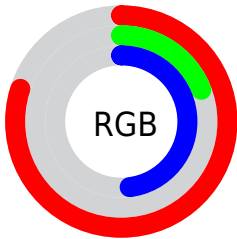
Format	Color
R_{YB}	203, 48, 122
Decimal	13316218
CIE _{Lab}	47.26, 64.72, -4.63
CIE _{LCh}	47, 64.883, 355.905
Yxy	16.2156, 0.4463, 0.2479
Android (android.graphics.Color)	4291506298 (0xFFCB307A)
YUV	102.7810, 9.4750, 87.8921
Hunter-Lab	40.2685, 58.9590, -1.2642

Details

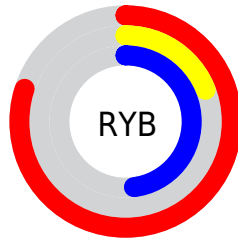
The Hex color **CB307A** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark muted rose. A complement of this color would be **30CB81**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **FF6DAE**, and **90004A** is the 20% darker color. If you saturate the color by 10%, you get **CB1C6F**, and if you desaturate by 10%, it is **CB4485**.

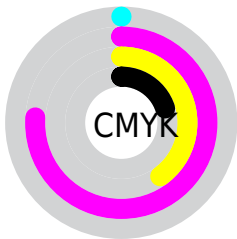
Distribution



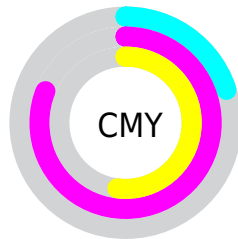
- Red (80%)
- Green (19%)
- Blue (48%)



- Red (80%)
- Yellow (19%)
- Blue (48%)



- Cyan (0%)
- Magenta (76%)
- Yellow (40%)
- Black (20%)



- Cyan (20%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB307A 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 CB307A by changing the saturation by 10% instead.

 CB307A

 CB307A

FFFFFF

 AD0061

 FF6DAE

 90004A

 FF89CA

 720033

 FFA6E6

 56001E

 FFC3FF

 3C0003

 FFE0FF

 150000

FFFEFF

 000000

 CB307A

 CB307A

 CB1C6F

 CB4485

 CB0765

 CB598F

 CB0061

 CB6D9A

 CB81A4

 CB96AF

 CBAABA

 CBBEC4

 CBD2CF

 CBE7D9

Harmonies

Analogous

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



A948AE



CB307A



CD3844

Triad

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



CB307A



5A7B00



0084CA

Complementary

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



CB307A



30CB81

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.



00889F



CB307A



00842D

Square

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



CB307A



8E6B00



008867



0079DE

Rectangle

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



CB307A



C04A21



008867



0086BE

Sweetspot

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



CB307A



FFC4E0



8030CB



805C6D



000000



808080

Same Dimension

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



CB307A



FF1484



CB3330



665C61



A6004F



260012

Inverse Universe

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



CB307A



FF1484



30C8CB



665C61



A6004F



260012

Previews

White Background



This preview shows how the Hex color CB307A looks on a white background.

Color Contrast Check

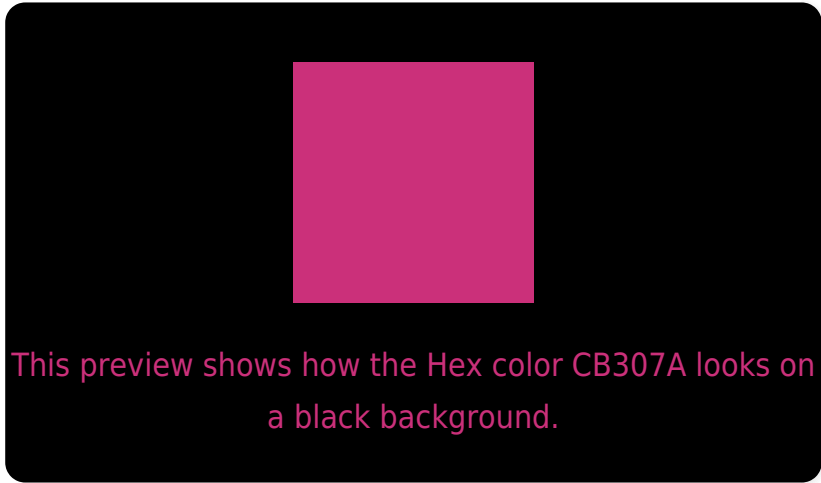
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB307A Background



This preview shows how black text looks on a background with the Hex color CB307A.

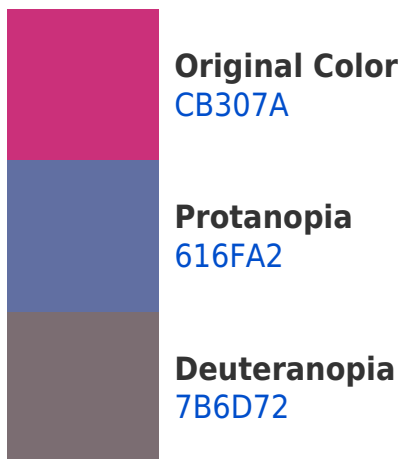


This preview shows how white text looks on a background with the Hex color CB307A.

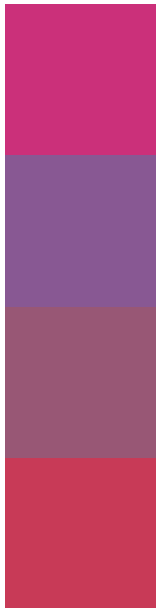
Color Blindness Simulation

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



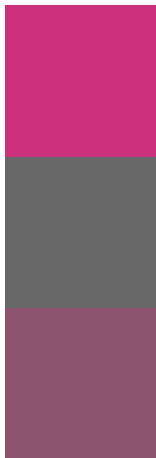
Original Color
CB307A

Protanomaly
885893

Deuteranomaly
985775

Tritanomaly
C83A57

Monochromacy



Original Color
CB307A

Achromatopsia
676767

Achromatomaly
8B536E

CSS Examples

Text

The CSS property to change the color of the text to Hex CB307A 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 #CB307A looks like.

```
.text, #text, p{  
    color:#CB307A  
}
```

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 #CB307A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB307A
}
```

Border

The CSS property to change the border of an element to Hex CB307A 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
#CB307A }
```

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

```
.border{ border-color:#CB307A }
```

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

Here you see how a box with a 4 pixel #CB307A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB307A; -webkit-box-shadow:4px 4px  
4px 4px #CB307A; box-shadow:4px 4px 4px  
4px #CB307A }
```

Background

The CSS property to change the background color of an element to Hex CB307A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB307A }
```

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

```
.background{ background-color:#CB307A }
```

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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