

Converting Colors

Hex(CB6D9B)

Have a look what the booklet for
Hex(CB6D9B) contains.

Hex(CB6D9B)	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(CB6D9B)

Conversions

Conversions Part 1

Format	Color
Hex	CB6D9B
RGB	203, 109, 155
RGB Percent	80%, 43%, 61%
CMY	0.2039, 0.5725, 0.3922
CMYK	0.00, 0.46, 0.24, 0.20
HSL	331°, 47%, 61%
HSV	331°, 46%, 80%
XYZ	36.0136, 26.0003, 34.1308
YIQ	142.3500, 41.2580, 34.2340

Conversions

Conversions Part 2

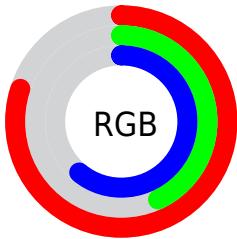
Format	Color
R _Y B	203, 109, 155
Decimal	13331867
CIE Lab	58.04, 42.68, -8.21
CIE LCh	58, 43.465, 349.113
Yxy	26.0003, 0.3746, 0.2704
Android (android.graphics.Color)	4291521947 (0xFFCB6D9B)
YUV	142.3500, 6.2365, 53.1901
Hunter-Lab	50.9905, 36.8377, -3.9927

Details

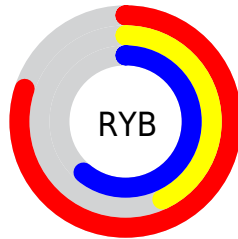
The Hex color **CB6D9B** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **6DCB9D**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FFA3D1**, and **933968** is the 20% darker color. If you saturate the color by 10%, you get **CB5991**, and if you desaturate by 10%, it is **CB81A5**.

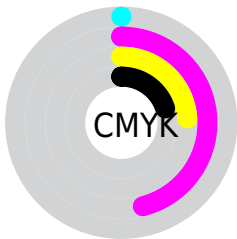
Distribution



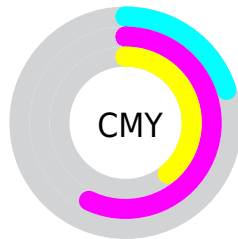
- Red (80%)
- Green (43%)
- Blue (61%)



- Red (80%)
- Yellow (43%)
- Blue (61%)



- Cyan (0%)
- Magenta (46%)
- Yellow (24%)
- Black (20%)



- Cyan (20%)
- Magenta (57%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB6D9B 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 CB6D9B by changing the saturation by 10% instead.

 CB6D9B

 CB6D9B

FFFFFF

 AE5381

 FFA3D1

 933968

 FFBEEE

 771F50

 FFDBFF

 5D0039

 FFF8FF

 420023

 2C000D

 000000

 CB6D9B

 CB6D9B

 CB5991

 CB81A5

 CB4486

 CB96B0

 CB307C

 CBAABA

 CB1C72

 CBBEC4

 CB0867

 CBD3CF

 CB0063

 CBE7D9

 CBFBE4

 CBFFEE

 CBFFF8

Harmonies

Analogous

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



AD78BE



CB6D9B



D36D75

Triad

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



CB6D9B



8A9141



009CC4

Complementary

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



CB6D9B



6DCB9D

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.



009FA3



CB6D9B



5E9958

Square

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



CB6D9B



AE853F



109E7C



1194D6

Rectangle

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



CB6D9B



CE725D



109E7C



009DBA

Sweetspot

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



CB6D9B



FFDBED



9C6DCB



806A74



000000



808080

Same Dimension

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



CB6D9B



FF70B6



CB6D6D



665C61



A60051



260013

Inverse Universe

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



CB6D9B



FF70B6



6DCBCB



665C61



A60051



260013

Previews

White Background



This preview shows how the Hex color CB6D9B looks on a white background.

Color Contrast Check

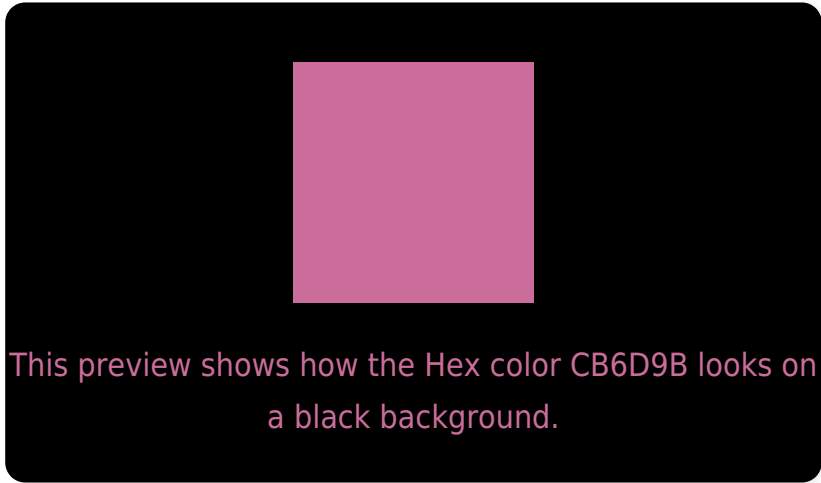
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB6D9B Background



This preview shows how black text looks on a background with the Hex color CB6D9B.




This preview shows how white text looks on a background with the Hex color CB6D9B.

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
C8737C

Trichromacy



Original Color
CB6D9B



Protanomaly
9D80A8



Deuteranomaly
A97E98

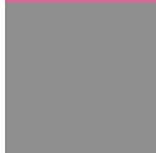


Tritanomaly
C97187

Monochromacy



Original Color
CB6D9B



Achromatopsia
8E8E8E



Achromatomaly
A48293

CSS Examples

Text

The CSS property to change the color of the text to Hex CB6D9B 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 #CB6D9B looks like.

```
.text, #text, p{  
    color:#CB6D9B  
}
```

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 #CB6D9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB6D9B
}
```

Border

The CSS property to change the border of an element to Hex CB6D9B 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
#CB6D9B }
```

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

```
.border{ border-color:#CB6D9B }
```

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

Here you see how a box with a 4 pixel #CB6D9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB6D9B; -webkit-box-shadow:4px 4px  
4px 4px #CB6D9B; box-shadow:4px 4px 4px  
4px #CB6D9B }
```

Background

The CSS property to change the background color of an element to Hex CB6D9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB6D9B }
```

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

```
.background{ background-color:#CB6D9B }
```

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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