

Converting Colors

Hex(CB5A9D)

Have a look what the booklet for
Hex(CB5A9D) contains.

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Color

Hex(CB5A9D)

Conversions

Conversions Part 1

Format	Color
Hex	CB5A9D
RGB	203, 90, 157
RGB Percent	80%, 35%, 62%
CMY	0.2039, 0.6471, 0.3843
CMYK	0.00, 0.56, 0.23, 0.20
HSL	324°, 52%, 57%
HSV	324°, 56%, 80%
XYZ	34.3706, 22.4432, 34.4187
YIQ	131.4250, 45.8410, 44.7930

Conversions

Conversions Part 2

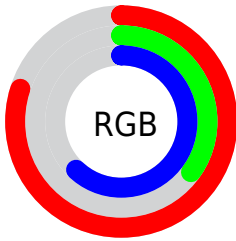
Format	Color
R_{YB}	203, 90, 157
Decimal	13327005
CIE _{Lab}	54.49, 52.37, -14.70
CIE _{LCh}	54, 54.391, 344.320
Yxy	22.4432, 0.3767, 0.2460
Android (android.graphics.Color)	4291517085 (0xFFFCB5A9D)
YUV	131.4250, 12.6085, 62.7713
Hunter-Lab	47.3742, 46.5991, -9.9139

Details

The Hex color **CB5A9D** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5ACB88**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **FF90D4**, and **92226A** is the 20% darker color. If you saturate the color by 10%, you get **CB4695**, and if you desaturate by 10%, it is **CB6EA5**.

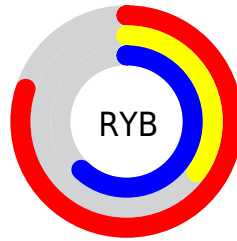
Distribution



Red (80%)

Green (35%)

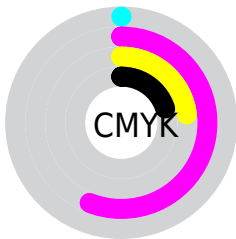
Blue (62%)



Red (80%)

Yellow (35%)

Blue (62%)

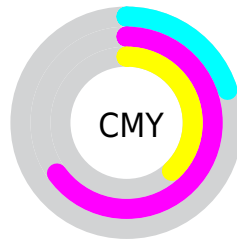


Cyan (0%)

Magenta (56%)

Yellow (23%)

Black (20%)



Cyan (20%)

Magenta (65%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5A9D 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 CB5A9D by changing the saturation by 10% instead.

 CB5A9D

 CB5A9D

FFFFFF

 AE3F83

 FF90D4

 92226A

 FFACF0

 760051

 FFC9FF

 5B003A

 FFE6FF

 410025

 28000E

 000000

 CB5A9D

 CB5A9D

 CB4695

 CB6EA5

 CB318C

 CB83AE

 CB1D84

 CB97B6

 CB097C

 CBABBE

 CB0078

 CBC0C6

 CBD4CF

 CBE8D7

 CBFCDF

 CBFFE7

Harmonies

Analogous

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



A26CC6



CB5A9D



D8566E

Triad

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



CB5A9D



85871C



0096C3

Complementary

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



CB5A9D



5ACB88

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.



009998



CB5A9D



50923B

Square

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



CB5A9D



AF7721



009767



008FDD

Rectangle

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



CB5A9D



D3E50



009767



0098B6

Sweetspot

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



CB5A9D



FFD4ED



875ACB



806675



000000



808080

Same Dimension

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



CB5A9D



FF54B9



CB5A65



665C62



A60062



260017

Inverse Universe

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



CB5A9D



FF54B9



5ACBC0



665C62



A60062



260017

Previews

White Background



This preview shows how the Hex color CB5A9D looks on a white background.

Color Contrast Check

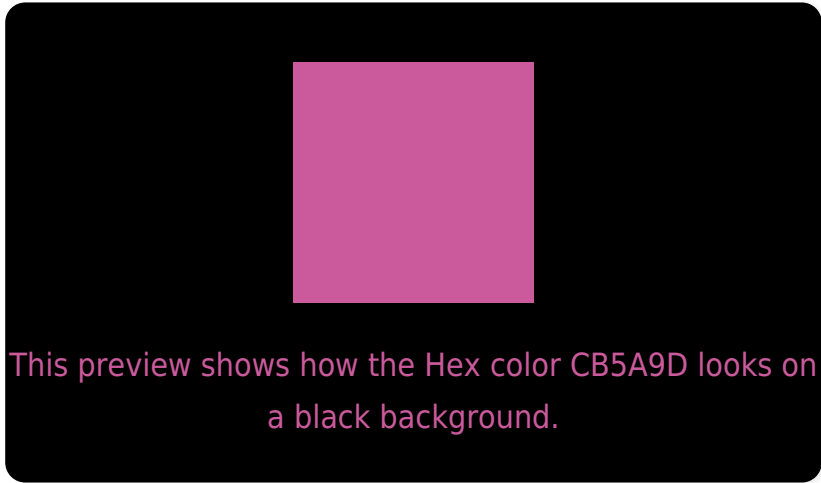
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5A9D Background



This preview shows how black text looks on a background with the Hex color CB5A9D.



This preview shows how white text looks on a background with the Hex color CB5A9D.

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



Original Color
CB5A9D

Protanopia
7181B9

Deuteranopia
868097



Tritanopia
C6656C

Trichromacy



Original Color
CB5A9D



Protanomaly
9273AF



Deuteranomaly
9F7299

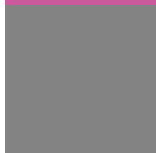


Tritanomaly
C8617E

Monochromacy



Original Color
CB5A9D



Achromatopsia
838383



Achromatomaly
9D748C

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5A9D 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 #CB5A9D looks like.

```
.text, #text, p{  
    color:#CB5A9D  
}
```

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 #CB5A9D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5A9D } }
```

Border

The CSS property to change the border of an element to Hex CB5A9D 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 #CB5A9D } }
```

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

```
.border{ border-color:#CB5A9D }
```

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

Here you see how a box with a 4 pixel #CB5A9D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5A9D; -webkit-box-shadow:4px 4px  
4px 4px #CB5A9D; box-shadow:4px 4px 4px  
4px #CB5A9D }
```

Background

The CSS property to change the background color of an element to Hex CB5A9D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5A9D }
```

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

```
.background{ background-color:#CB5A9D }
```

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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