

Converting Colors

Hex(CB5D94)

Have a look what the booklet for
Hex(CB5D94) contains.

Hex(CB5D94)	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(CB5D94)

Conversions

Conversions Part 1

Format	Color
Hex	CB5D94
RGB	203, 93, 148
RGB Percent	80%, 36%, 58%
CMY	0.2039, 0.6353, 0.4196
CMYK	0.00, 0.54, 0.27, 0.20
HSL	330°, 51%, 58%
HSV	330°, 54%, 80%
XYZ	33.8882, 22.6633, 30.6053
YIQ	132.1600, 47.9050, 40.4250

Conversions

Conversions Part 2

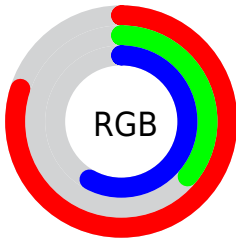
Format	Color
R_{YB}	203, 93, 148
Decimal	13327764
CIE _{Lab}	54.72, 49.70, -9.07
CIE _{LCh}	55, 50.524, 349.654
Yxy	22.6633, 0.3888, 0.2600
Android (android.graphics.Color)	4291517844 (0xFFC _B 5D94)
YUV	132.1600, 7.8091, 62.1267
Hunter-Lab	47.6060, 43.7543, -4.7926

Details

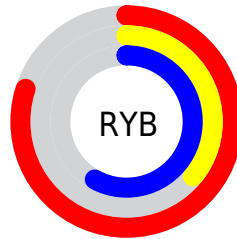
The Hex color **CB5D94** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5DCB94**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **FF93CA**, and **922661** is the 20% darker color. If you saturate the color by 10%, you get **CB498A**, and if you desaturate by 10%, it is **CB719E**.

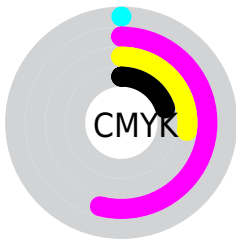
Distribution



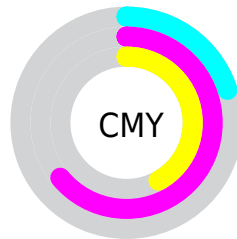
- Red (80%)
- Green (36%)
- Blue (58%)



- Red (80%)
- Yellow (36%)
- Blue (58%)



- Cyan (0%)
- Magenta (54%)
- Yellow (27%)
- Black (20%)



- Cyan (20%)
- Magenta (64%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5D94 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 CB5D94 by changing the saturation by 10% instead.

 CB5D94

 CB5D94

FFFFFF

 AE427A

 FF93CA

 922661

 FFAFE6

 76004A

 FFCBFF

 5B0033

 FFE8FF

 41001E

 280001

 000000

 CB5D94

 CB5D94

 CB498A

 CB719E

 CB3480

 CB86A8

 CB2076

 CB9AB2

 CB0C6B

 CBAEBD

 CB0066

 CBC3C7

 CBD7D1

 CBEBDB

 CBFFE5

 CBFFEF

Harmonies

Analogous

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



A96BBC



CB5D94



D35D68

Triad

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



CB5D94



7F892A



0095C5

Complementary

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



CB5D94



5DCB94

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.



00989F



CB5D94



4A9348

Square

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



CB5D94



A77B28



009772



008CD9

Rectangle

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



CB5D94



CC654D



009772



0097BA

Sweetspot

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



CB5D94



FFD6EB



945DCB



806773



000000



808080

Same Dimension

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



CB5D94



FF59AC



CB5D5D



665C61



A60053



260013

Inverse Universe

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



CB5D94



FF59AC



5DCBCB



665C61



A60053



260013

Previews

White Background



This preview shows how the Hex color CB5D94 looks on a white background.

Color Contrast Check

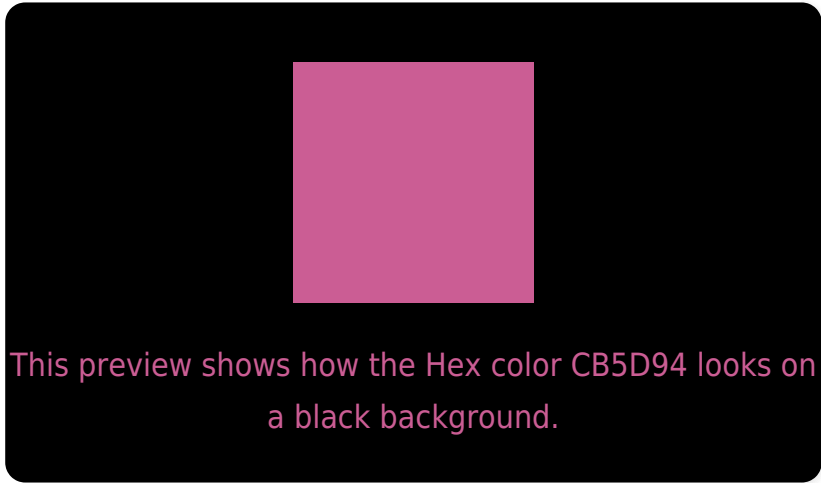
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5D94 Background



This preview shows how black text looks on a background with the Hex color CB5D94.




This preview shows how white text looks on a background with the Hex color CB5D94.

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](#).

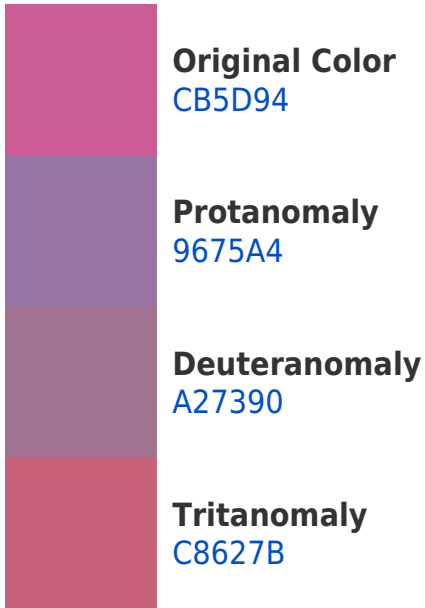
Dichromacy





Tritanopia
C7656C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB5D94 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 #CB5D94 looks like.

```
.text, #text, p{  
    color:#CB5D94  
}
```

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 #CB5D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5D94
}
```

Border

The CSS property to change the border of an element to Hex CB5D94 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
#CB5D94 }
```

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

```
.border{ border-color:#CB5D94 }
```

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

Here you see how a box with a 4 pixel #CB5D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5D94; -webkit-box-shadow:4px 4px  
4px 4px #CB5D94; box-shadow:4px 4px 4px  
4px #CB5D94 }
```

Background

The CSS property to change the background color of an element to Hex CB5D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5D94 }
```

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

```
.background{ background-color:#CB5D94 }
```

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