

# Converting Colors

Hex(CB5D85)

Have a look what the booklet for  
Hex(CB5D85) contains.

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**Color**

**Hex(CB5D85)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB5D85
RGB	203, 93, 133
RGB Percent	80%, 36%, 52%
CMY	0.2039, 0.6353, 0.4784
CMYK	0.00, 0.54, 0.34, 0.20
HSL	338°, 51%, 58%
HSV	338°, 54%, 80%
XYZ	32.7766, 22.2187, 24.7514
YIQ	130.4500, 52.7200, 35.7600

# Conversions

## Conversions Part 2

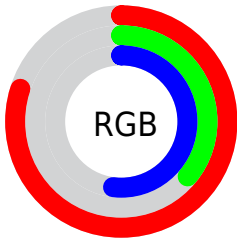
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 93, 133
Decimal	13327749
CIE <sub>Lab</sub>	54.26, 47.79, -0.93
CIE <sub>LCh</sub>	54, 47.799, 358.890
Yxy	22.2187, 0.4110, 0.2786
Android (android.graphics.Color)	4291517829 (0xFFCB5D85)
YUV	130.4500, 1.2572, 63.6264
Hunter-Lab	47.1367, 41.6312, 1.8626

# Details

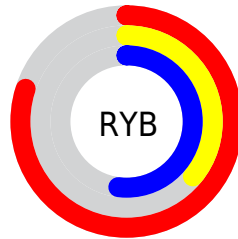
The Hex color **CB5D85** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **5DCBA3**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF93BA**, and **912754** is the 20% darker color. If you saturate the color by 10%, you get **CB4978**, and if you desaturate by 10%, it is **CB7192**.

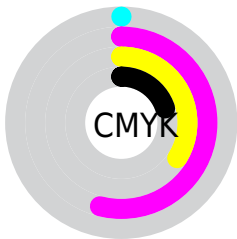
# Distribution



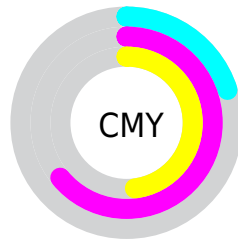
- Red (80%)
- Green (36%)
- Blue (52%)



- Red (80%)
- Yellow (36%)
- Blue (52%)



- Cyan (0%)
- Magenta (54%)
- Yellow (34%)
- Black (20%)



- Cyan (20%)
- Magenta (64%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB5D85 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 CB5D85 by changing the saturation by 10% instead.



 CB5D85

 CB5D85

FFFFFF

 AE426C

 FF93BA

 912754

 FFAFD6

 75023D

 FFCBF2

 5A0027

 FFE8FF

 400012

 250001

 000000

 CB5D85

 CB5D85

 CB4978

 CB7192

 CB346B

 CB869F

 CB205E

 CB9AAC

 CB0C51

 CBAEB9

 CB004A

 CBC3C6

 CBD7D3

 CBEBDF

 CBFFEC

 CBFFF9

# Harmonies

## Analogous

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



B367AD



CB5D85



CC615C

# Triad

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



CB5D85



718B35



0091C8

# Complementary

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



CB5D85



5DCBA3

# 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.



0095A8



CB5D85



399255

# Square

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



CB5D85



9A7F2A



00967F



1987D4

# Rectangle

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



CB5D85



C26A45



00967F



0093BF



# Sweetspot

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



CB5D85



FFD6E5



A35DCB



806770



000000



808080



# Same Dimension

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



CB5D85



FF5996



CB6C5D



665C60



A6003C



26000E



# Inverse Universe

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



CB5D85



FF5996



5DBCCB



665C60



A6003C



26000E



# Previews

## White Background



This preview shows how the Hex color CB5D85 looks on a white background.

## Color Contrast Check

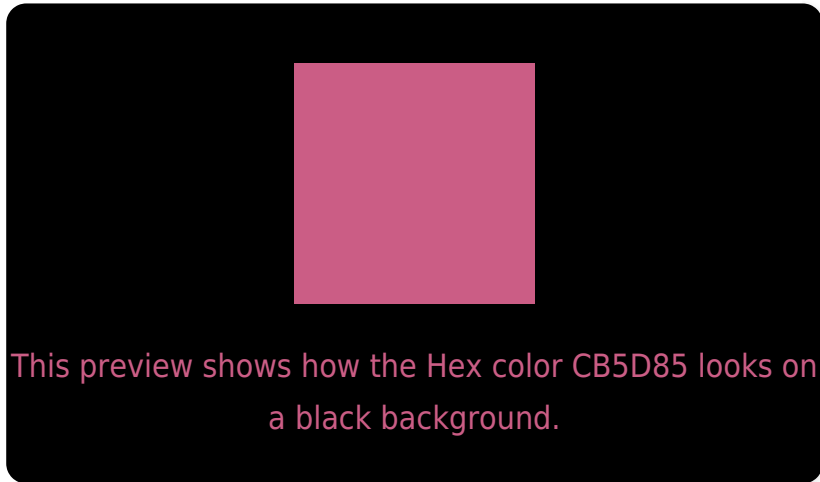
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB5D85 Background



This preview shows how black text looks on a background with the Hex color CB5D85.



This preview shows how white text looks on a background with the Hex color CB5D85.

# 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**  
C96269

# Trichromacy



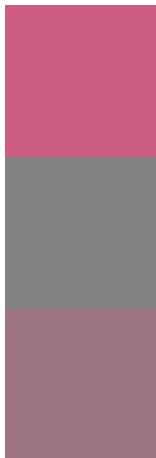
**Original Color**  
CB5D85

**Protanomaly**  
997493

**Deuteranomaly**  
A57282

**Tritanomaly**  
CA6073

# Monochromacy



**Original Color**  
CB5D85

**Achromatopsia**  
828282

**Achromatomaly**  
9D7583

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB5D85 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 #CB5D85 looks like.

```
.text, #text, p{  
    color:#CB5D85  
}
```

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 #CB5D85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5D85
}
```

## Border

The CSS property to change the border of an element to Hex CB5D85 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
#CB5D85 }
```

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

```
.border{ border-color:#CB5D85 }
```

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

Here you see how a box with a 4 pixel #CB5D85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5D85; -webkit-box-shadow:4px 4px  
4px 4px #CB5D85; box-shadow:4px 4px 4px  
4px #CB5D85 }
```

# Background

The CSS property to change the background color of an element to Hex CB5D85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5D85 }
```

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

```
.background{ background-color:#CB5D85 }
```

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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