

# Converting Colors

Hex(CB428C)

Have a look what the booklet for  
Hex(CB428C) contains.

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# Color

**Hex(CB428C)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB428C
RGB	203, 66, 140
RGB Percent	80%, 26%, 55%
CMY	0.2039, 0.7412, 0.4510
CMYK	0.00, 0.67, 0.31, 0.20
HSL	328°, 57%, 53%
HSV	328°, 67%, 80%
XYZ	31.3104, 18.4864, 26.7289
YIQ	115.3990, 57.8980, 52.0580

# Conversions

## Conversions Part 2

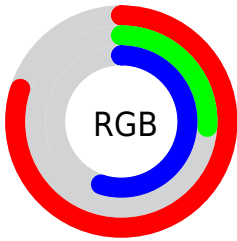
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 66, 140
Decimal	13320844
CIE <sub>Lab</sub>	50.08, 60.49, -11.30
CIE <sub>LCh</sub>	50, 61.534, 349.422
Yxy	18.4864, 0.4091, 0.2416
Android (android.graphics.Color)	4291510924 (0xFFCB428C)
YUV	115.3990, 12.1283, 76.8261
Hunter-Lab	42.9958, 54.7448, -6.7614

# Details

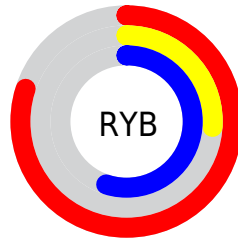
The Hex color **CB428C** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **42CB81**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **FF7BC2**, and **91005A** is the 20% darker color. If you saturate the color by 10%, you get **CB2E83**, and if you desaturate by 10%, it is **CB5695**.

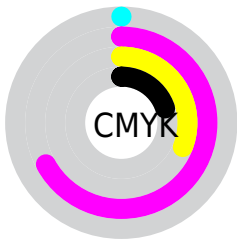
# Distribution



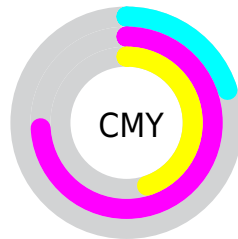
- Red (80%)
- Green (26%)
- Blue (55%)



- Red (80%)
- Yellow (26%)
- Blue (55%)



- Cyan (0%)
- Magenta (67%)
- Yellow (31%)
- Black (20%)



- Cyan (20%)
- Magenta (74%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB428C 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 CB428C by changing the saturation by 10% instead.



 CB428C

 CB428C

FFFFFF

 AE2272

 FF7BC2

 91005A

 FF97DD

 740042

 FFB3FA

 58002C

 FFD0FF

 3F0018

 FFE0FF

 1F0001

 000000

 CB428C

 CB428C

 CB2E83

 CB5695

 CB1979

 CB6B9F

 CB0570

 CB7FA8

 CB006E

 CB93B1

 CBA8BB

 CBBCC4

 CBD0CD

 CBE4D7

 CBF9E0

# Harmonies

## Analogous

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



A359BC



CB428C



D34258

# Triad

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



CB428C



6F7F00



008CC6

# Complementary

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



CB428C



42CB81

# 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.



008F99



CB428C



28892D

# Square

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



CB428C



9F6E00



008E62



0083DF

# Rectangle

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



CB428C



CA4F37



008E62



008EB9



# Sweetspot

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



CB428C



FFCCE8



8042CB



806171



000000



808080



# Same Dimension

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



CB428C



FF30A0



CB4249



665C61



A6005A



260015



# Inverse Universe

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



CB428C



FF30A0



42CBC4



665C61



A6005A



260015



# Previews

## White Background



This preview shows how the Hex color CB428C looks on a white background.

## Color Contrast Check

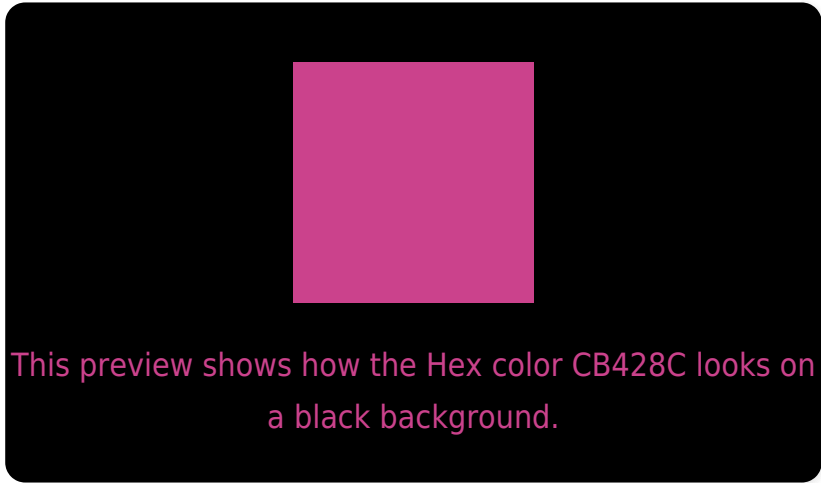
Large Text (above 18pt) WCAG AA ✓ Pass

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 CB428C Background



This preview shows how black text looks on a background with the Hex color CB428C.

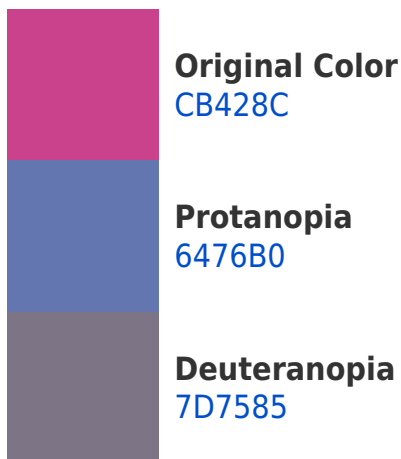


This preview shows how white text looks on a background with the Hex color CB428C.

# 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**  
C75055

# Trichromacy



**Original Color**  
CB428C



**Protanomaly**  
8963A3



**Deuteranomaly**  
996288

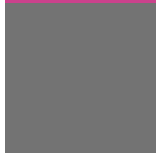


**Tritanomaly**  
C84B69

# Monochromacy



**Original Color**  
CB428C



**Achromatopsia**  
737373



**Achromatomaly**  
93617C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB428C 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 #CB428C looks like.

```
.text, #text, p{  
    color:#CB428C  
}
```

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 #CB428C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB428C  
}
```

## Border

The CSS property to change the border of an element to Hex CB428C 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  
#CB428C }
```

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

```
.border{ border-color:#CB428C }
```

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

Here you see how a box with a 4 pixel #CB428C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB428C; -webkit-box-shadow:4px 4px  
4px 4px #CB428C; box-shadow:4px 4px 4px  
4px #CB428C }
```

# Background

The CSS property to change the background color of an element to Hex CB428C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB428C }
```

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

```
.background{ background-color:#CB428C }
```

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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