

# Converting Colors

Hex(CB4DC5)

Have a look what the booklet for  
Hex(CB4DC5) contains.

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# Color

Hex(CB4DC5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CB4DC5
RGB	203, 77, 197
RGB Percent	80%, 30%, 77%
CMY	0.2039, 0.6980, 0.2275
CMYK	0.00, 0.62, 0.03, 0.20
HSL	303°, 55%, 55%
HSV	303°, 62%, 80%
XYZ	37.3605, 22.0355, 55.1075
YIQ	128.3540, 36.5760, 64.0320

# Conversions

## Conversions Part 2

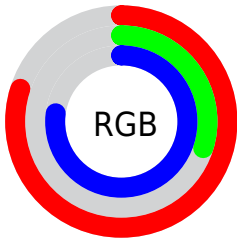
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	203, 77, 197
Decimal	13323717
CIE <sub>Lab</sub>	54.06, 64.26, -38.58
CIE <sub>LCh</sub>	54, 74.955, 329.019
Yxy	22.0355, 0.3263, 0.1924
Android (android.graphics.Color)	4291513797 (0xFFCB4DC5)
YUV	128.3540, 33.8425, 65.4645
Hunter-Lab	46.9420, 59.9175, -36.7441

# Details

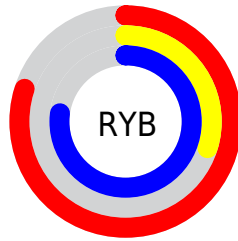
The Hex color **CB4DC5** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **4DCB53**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **FF86FE**, and **92008F** is the 20% darker color. If you saturate the color by 10%, you get **CB39C4**, and if you desaturate by 10%, it is **CB61C6**.

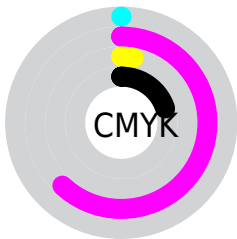
# Distribution



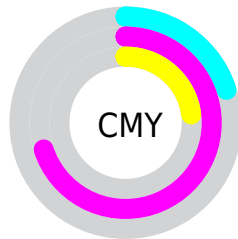
- Red (80%)
- Green (30%)
- Blue (77%)



- Red (80%)
- Yellow (30%)
- Blue (77%)



- Cyan (0%)
- Magenta (62%)
- Yellow (3%)
- Black (20%)



- Cyan (20%)
- Magenta (70%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CB4DC5 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 CB4DC5 by changing the saturation by 10% instead.



 CB4DC5

 CB4DC5

FFFFFF

 AE2FA9

 FF86FE

 92008F

 FFA2FF

 760075

 FFBFFF

 5A005C

 FFDCFF

 400043

 FFF9FF

 25002C

 000116

 000000

 CB4DC5

 CB4DC5

 CB39C4

 CB61C6

 CB24C3

 CB76C7

 CB10C2

 CB8AC8

 CB00C1

 CB9EC9

 CBB3CA

 CBC7CB

 CBDDBCC

 CBEFCD

 CBFFCE

# Harmonies

## Analogous

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



7571F4



CB4DC5



EE3086

# Triad

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



CB4DC5



9E7E00



009DBF

# Complementary

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



CB4DC5



4DCB53

# 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.



009D7D



CB4DC5



5E8F00

# Square

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



CB4DC5



CF6200



009939



0098F0

# Rectangle

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



CB4DC5



F1365B



009939



009EAA



# Sweetspot

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



CB4DC5



FFCFFD



514DCB



80627E



000000



808080



# Same Dimension

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



CB4DC5



FF42F6



CB4D88



665C66



A6009E



260024



# Inverse Universe

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



CB4DC5



FF42F6



4DCB90



665C66



A6009E



260024



# Previews

## White Background



This preview shows how the Hex color CB4DC5 looks on a white background.

## Color Contrast Check

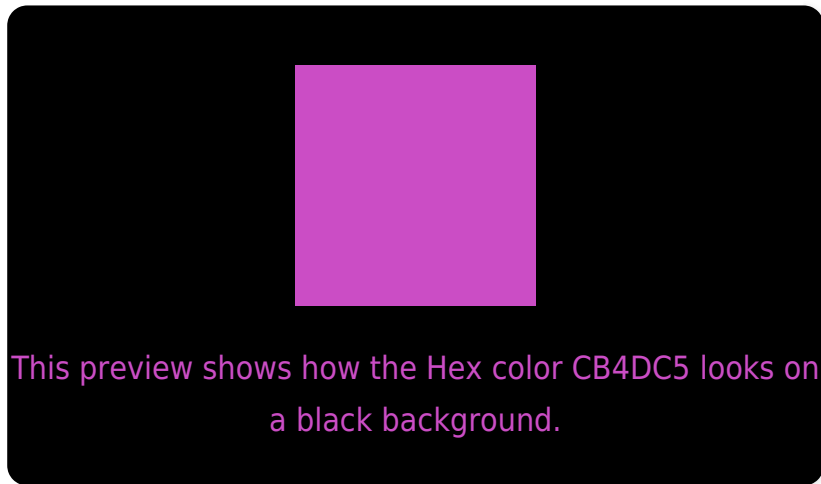
Large Text (above 18pt) WCAG AA ✓ Pass

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

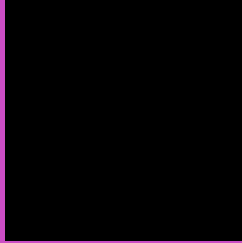
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex CB4DC5 Background



This preview shows how black text looks on a background with the Hex color CB4DC5.

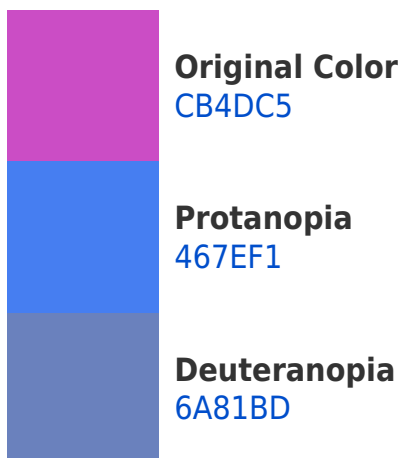



This preview shows how white text looks on a background with the Hex color CB4DC5.

# 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](#).

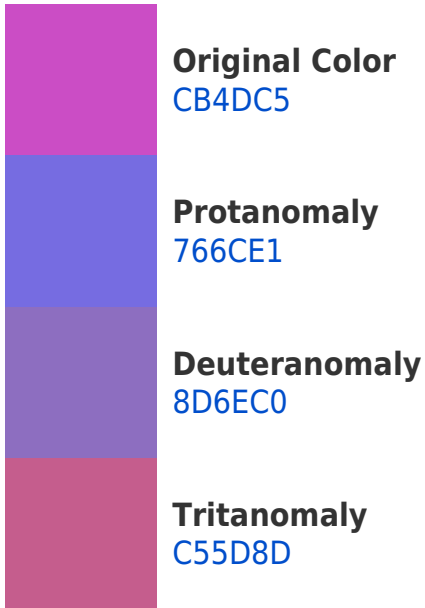
## Dichromacy





**Tritanopia**  
C1666D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex CB4DC5 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 #CB4DC5 looks like.

```
.text, #text, p{  
    color:#CB4DC5  
}
```

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 #CB4DC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB4DC5
}
```

## Border

The CSS property to change the border of an element to Hex CB4DC5 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
#CB4DC5 }
```

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

```
.border{ border-color:#CB4DC5 }
```

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

Here you see how a box with a 4 pixel #CB4DC5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB4DC5; -webkit-box-shadow:4px 4px  
4px 4px #CB4DC5; box-shadow:4px 4px 4px  
4px #CB4DC5 }
```

# Background

The CSS property to change the background color of an element to Hex CB4DC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB4DC5 }
```

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

```
.background{ background-color:#CB4DC5 }
```

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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