

Converting Colors

Hex(CB5CD1)

Have a look what the booklet for
Hex(CB5CD1) contains.

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Color

Hex(CB5CD1)

Conversions

Conversions Part 1

Format	Color
Hex	CB5CD1
RGB	203, 92, 209
RGB Percent	80%, 36%, 82%
CMY	0.2039, 0.6392, 0.1804
CMYK	0.03, 0.56, 0.00, 0.18
HSL	297°, 56%, 59%
HSV	297°, 56%, 82%
XYZ	39.9644, 24.9543, 63.0319
YIQ	138.5270, 28.5990, 59.9190

Conversions

Conversions Part 2

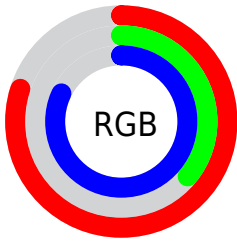
Format	Color
R_{YB}	203, 92, 209
Decimal	13327569
CIE _{Lab}	57.03, 59.80, -40.77
CIE _{LCh}	57, 72.372, 325.713
Yxy	24.9543, 0.3123, 0.1950
Android (android.graphics.Color)	4291517649 (0xFFFCB5CD1)
YUV	138.5270, 34.7432, 56.5428
Hunter-Lab	49.9542, 55.3836, -39.8437

Details

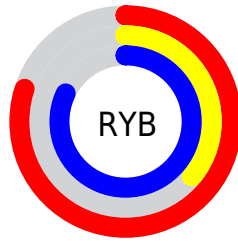
The Hex color **CB5CD1** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **62D15C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **FF93FF**, and **92219A** is the 20% darker color. If you saturate the color by 10%, you get **CA47D1**, and if you desaturate by 10%, it is **CC71D1**.

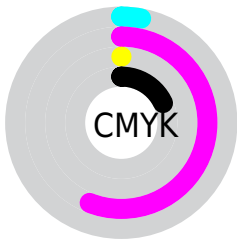
Distribution



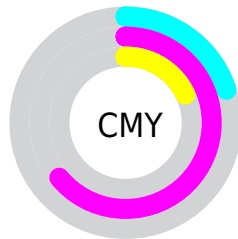
- Red (80%)
- Green (36%)
- Blue (82%)



- Red (80%)
- Yellow (36%)
- Blue (82%)



- Cyan (3%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB5CD1 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 CB5CD1 by changing the saturation by 10% instead.

 CB5CD1

 CB5CD1

FFFFFF

 AE40B5

 FF93FF

 92219A

 FFAFFF

 760080

 FFCCFF

 5B0066

 FFE9FF

 40004D

 280036

 00001F

 000003

 000000

■ CB5CD1

■ CB5CD1

■ CA47D1

■ CC71D1

■ C932D1

■ CD86D1

■ C81DD1

■ CE9BD1

■ C708D1

■ CFB0D1

■ C600D1

■ D0C4D1

■ D1D9D1

■ D3EED1

■ D4FFD1

■ D5FFD1

Harmonies

Analogous

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



717CFC



CB5CD1



F24295

Triad

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



CB5CD1



AC8300



00A5BE

Complementary

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



CB5CD1



62D15C

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.



00A47E



CB5CD1



709500

Square

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



CB5CD1



DA6819



00A03C



00A0F1

Rectangle

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



CB5CD1



F8436B



00A03C



00A5A9

Sweetspot

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



CB5CD1



FDD4FF



5C64D1



7E6680



000000



808080

Same Dimension

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



CB5CD1



F654FF



D15C9E



685E69



A000A8



270029

Inverse Universe

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



D15C62



FF545D



5CD18F



695E5F



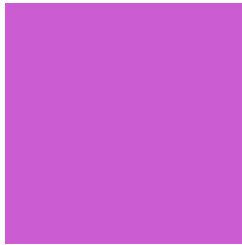
A80009



290002

Previews

White Background



This preview shows how the Hex color CB5CD1 looks on a white background.

Color Contrast Check

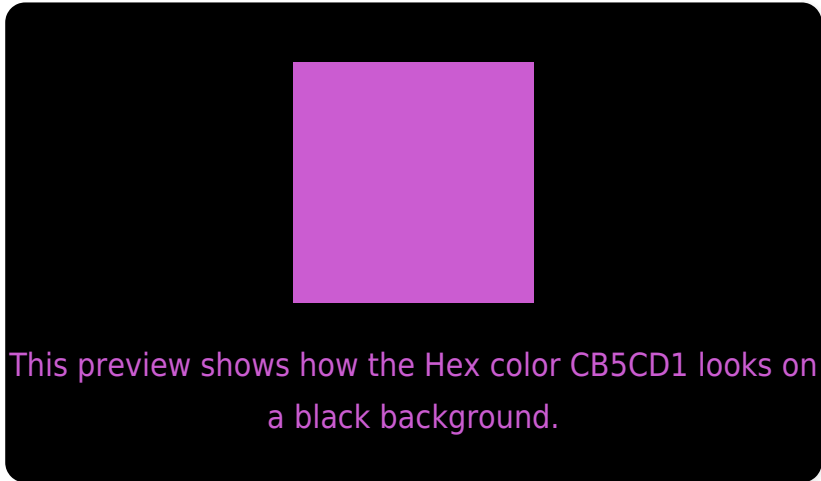
Large Text (above 18pt) WCAG AA ✓ Pass

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

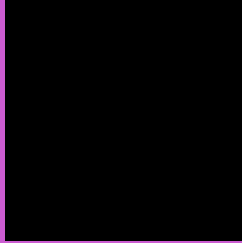
Any Text WCAG AA ✓ Pass

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 CB5CD1 Background



This preview shows how black text looks on a background with the Hex color CB5CD1.

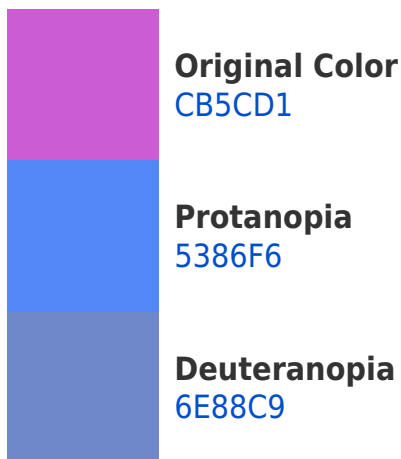


This preview shows how white text looks on a background with the Hex color CB5CD1.

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
C0737B

Trichromacy



Original Color
CB5CD1



Protanomaly
7F77E9



Deuteranomaly
9078CC



Tritanomaly
C46B9A

Monochromacy



Original Color
CB5CD1



Achromatopsia
8B8B8B



Achromatomaly
A27AA4

CSS Examples

Text

The CSS property to change the color of the text to Hex CB5CD1 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 #CB5CD1 looks like.

```
.text, #text, p{  
    color:#CB5CD1  
}
```

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 #CB5CD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB5CD1
}
```

Border

The CSS property to change the border of an element to Hex CB5CD1 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
#CB5CD1 }
```

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

```
.border{ border-color:#CB5CD1 }
```

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

Here you see how a box with a 4 pixel #CB5CD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB5CD1; -webkit-box-shadow:4px 4px  
4px 4px #CB5CD1; box-shadow:4px 4px 4px  
4px #CB5CD1 }
```

Background

The CSS property to change the background color of an element to Hex CB5CD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB5CD1 }
```

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

```
.background{ background-color:#CB5CD1 }
```

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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