

Converting Colors

Hex(CB63D1)

Have a look what the booklet for
Hex(CB63D1) contains.

Hex(CB63D1)	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(CB63D1)

Conversions

Conversions Part 1

Format	Color
Hex	CB63D1
RGB	203, 99, 209
RGB Percent	80%, 39%, 82%
CMY	0.2039, 0.6118, 0.1804
CMYK	0.03, 0.53, 0.00, 0.18
HSL	297°, 54%, 60%
HSV	297°, 53%, 82%
XYZ	40.5991, 26.2236, 63.2435
YIQ	142.6360, 26.6740, 56.2580

Conversions

Conversions Part 2

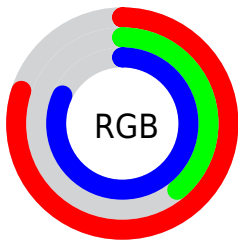
Format	Color
RYB	203, 99, 209
Decimal	13329361
CIELab	58.25, 56.52, -38.86
CIELCh	58, 68.587, 325.491
Yxy	26.2236, 0.3121, 0.2016
Android (android.graphics.Color)	4291519441 (0xFFCB63D1)
YUV	142.6360, 32.7175, 52.9392
Hunter-Lab	51.2090, 51.9009, -37.3772

Details

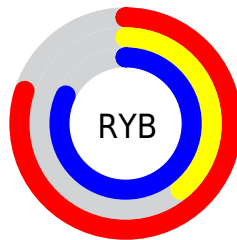
The Hex color **CB63D1** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **69D163**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **FF9AFF**, and **922B9A** is the 20% darker color. If you saturate the color by 10%, you get **CA4ED1**, and if you desaturate by 10%, it is **CC78D1**.

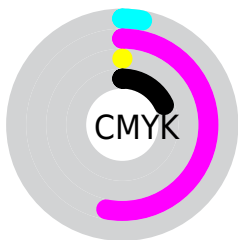
Distribution



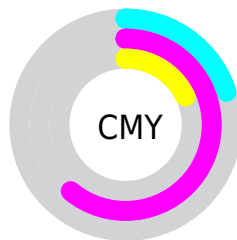
- Red (80%)
- Green (39%)
- Blue (82%)



- Red (80%)
- Yellow (39%)
- Blue (82%)



- Cyan (3%)
- Magenta (53%)
- Yellow (0%)
- Black (18%)



- Cyan (20%)
- Magenta (61%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color CB63D1 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 CB63D1 by changing the saturation by 10% instead.

 CB63D1

 CB63D1

FFFFFF

 AE48B5

 FF9AFF

 922B9A

 FFB6FF

 770580

 FFD2FF

 5C0066

 FFF0FF

 41004E

 2A0036

 000020

 000003

 000000

 CB63D1

 CB63D1

 CA4ED1

 CC78D1

 C939D1

 CD8DD1

 C824D1

 CEA2D1

 C60FD1

 D0B7D1

 C600D1

 D1CCD1

 D2E0D1

 D3F5D1

 D4FFD1

 D5FFD1

Harmonies

Analogous

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



7780F9



CB63D1



F14D98

Triad

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



CB63D1



B08600



00A7BE

Complementary

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



CB63D1



69D163

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.



00A781



CB63D1



769800

Square

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



CB63D1



DB6D25



00A243



00A2EF

Rectangle

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



CB63D1



F74E70



00A243



00A7AA

Sweetspot

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



CB63D1



FDD6FF



636AD1



7E6780



000000



808080

Same Dimension

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



CB63D1



F65EFF



D163A1



685E69



9F00A8



270029

Inverse Universe

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



D16369



FF5E67



63D193



695E5F



A80009



290002

Previews

White Background



This preview shows how the Hex color CB63D1 looks on a white background.

Color Contrast Check

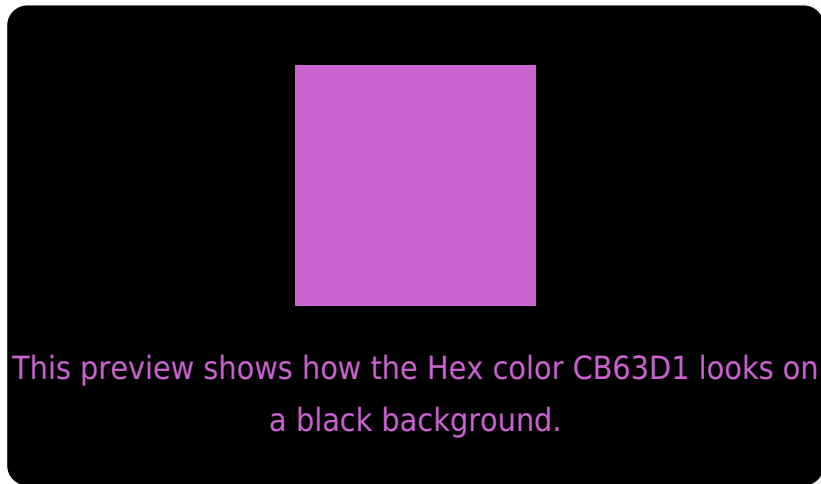
Large Text (above 18pt) WCAG AA ✓ Pass

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

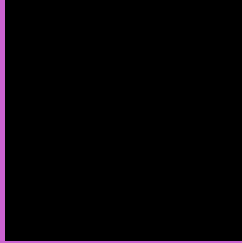
Any Text WCAG AA ✓ Pass

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 CB63D1 Background



This preview shows how black text looks on a background with the Hex color CB63D1.

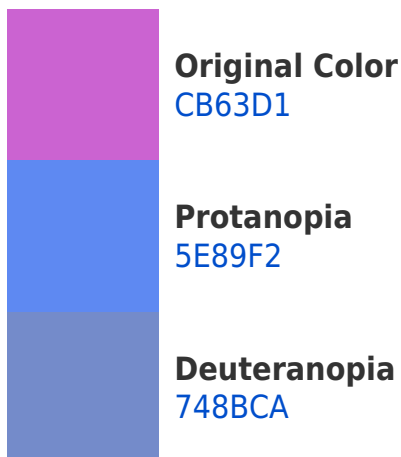


This preview shows how white text looks on a background with the Hex color CB63D1.

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](#).

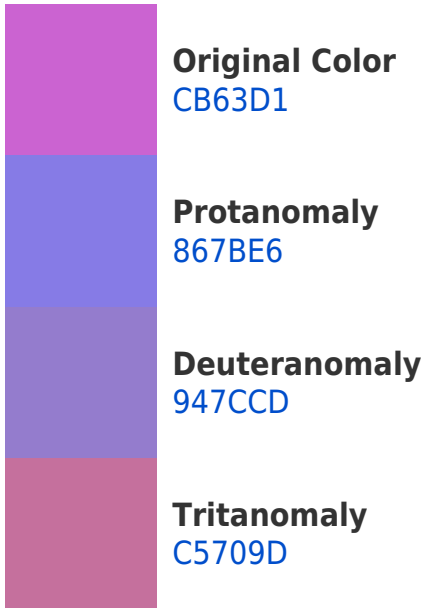
Dichromacy



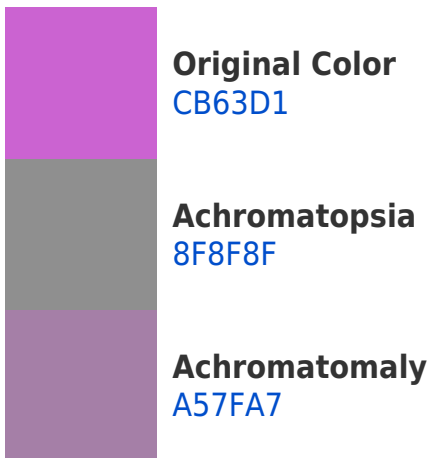


Tritanopia
C17780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex CB63D1 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 #CB63D1 looks like.

```
.text, #text, p{  
    color:#CB63D1  
}
```

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 #CB63D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CB63D1
}
```

Border

The CSS property to change the border of an element to Hex CB63D1 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
#CB63D1 }
```

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

```
.border{ border-color:#CB63D1 }
```

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

Here you see how a box with a 4 pixel #CB63D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CB63D1; -webkit-box-shadow:4px 4px  
4px 4px #CB63D1; box-shadow:4px 4px 4px  
4px #CB63D1 }
```

Background

The CSS property to change the background color of an element to Hex CB63D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CB63D1 }
```

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

```
.background{ background-color:#CB63D1 }
```

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