

# Converting Colors

Hex(C5B4D0)

Have a look what the booklet for  
Hex(C5B4D0) contains.

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# **Color**

**Hex(C5B4D0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5B4D0
RGB	197, 180, 208
RGB Percent	77%, 71%, 82%
CMY	0.2275, 0.2941, 0.1843
CMYK	0.05, 0.13, 0.00, 0.18
HSL	276°, 23%, 76%
HSV	276°, 13%, 82%
XYZ	50.7324, 49.0669, 66.4715
YIQ	188.2750, 1.1440, 12.3120

# Conversions

## Conversions Part 2

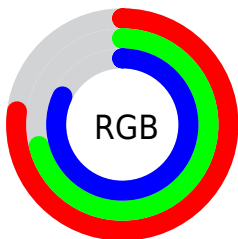
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 180, 208
Decimal	12956880
CIE <sub>Lab</sub>	75.49, 11.22, -11.92
CIE <sub>LCh</sub>	75, 16.369, 313.280
Yxy	49.0669, 0.3051, 0.2951
Android (android.graphics.Color)	4291146960 (0xFFC5B4D0)
YUV	188.2750, 9.7244, 7.6518
Hunter-Lab	70.0478, 6.6958, -7.2295

# Details

The Hex color **C5B4D0** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **BFD0B4**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **FECCFF**, and **8F7F9A** is the 20% darker color. If you saturate the color by 10%, you get **BD9FD0**, and if you desaturate by 10%, it is **CDC9D0**.

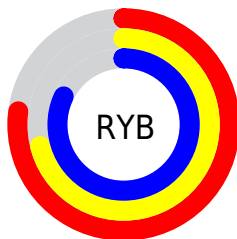
# Distribution



Red (77%)

Green (71%)

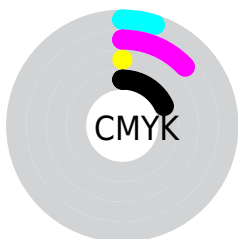
Blue (82%)



Red (77%)

Yellow (71%)

Blue (82%)

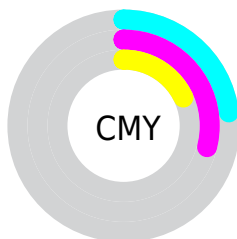


Cyan (5%)

Magenta (13%)

Yellow (0%)

Black (18%)



Cyan (23%)

Magenta (29%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5B4D0 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 C5B4D0 by changing the saturation by 10% instead.



 C5B4D0

FFFFFF

 FEECFE

 C5B4D0

 AA99B4

 8F7F9A

 756680

 5D4E67

 45374F

 2E2238

 1A0C22

 00000A

 000000

 C5B4D0

 C5B4D0

 BD9FD0

 CDC9D0

 B58AD0

 D5DED0

 AC76D0

 DEF2D0

 A461D0

 E6FFD0

 9C4CD0

 EEFFD0

 9437D0

 F6FFD0

 8C22D0

 FEFFD0

 840ED0

 FFFF00

 7E00D0

# Harmonies

## Analogous

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



B2B9D7



C5B4D0



D3B0C3

# Triad

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



C5B4D0



CEB69D



94C3C0

# Complementary

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



C5B4D0



BFD0B4

# 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.



9EC2B1



C5B4D0



BFBB9D

# Square

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



C5B4D0



D8B2A6



AEBFA4



94C1CE

# Rectangle

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



C5B4D0



D9B0B9



AEBFA4



96C3BB



# Sweetspot

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



C5B4D0



FBF5FF



B4BFD0



7D7980



000000



808080



# Same Dimension

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



C5B4D0



EFD6FF



D0B4CD



645E69



6600A8



190029



# Inverse Universe

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



D0B4BF



FFD6E6



B4D0B7



695E62



A80042

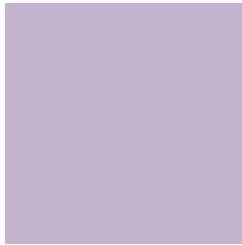


290010



# Previews

## White Background



This preview shows how the Hex color C5B4D0 looks on a white background.

## Color Contrast Check

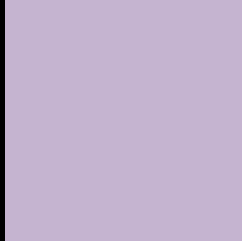
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color C5B4D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

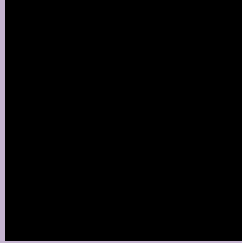
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5B4D0 Background



This preview shows how black text looks on a background with the Hex color C5B4D0.



This preview shows how white text looks on a background with the Hex color C5B4D0.

# 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



**Original Color**  
C5B4D0

**Protanopia**  
B6B9D3

**Deuteranopia**  
C2B5D0



**Tritanopia**  
C3B6C4

# Trichromacy



**Original Color**  
C5B4D0

**Protanomaly**  
BBB7D2

**Deuteranomaly**  
C3B5D0

**Tritanomaly**  
C4B5C8

# Monochromacy



**Original Color**  
C5B4D0

**Achromatopsia**  
BCBCBC

**Achromatomaly**  
BFB9C3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5B4D0 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 #C5B4D0 looks like.

```
.text, #text, p{  
    color:#C5B4D0  
}
```

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 #C5B4D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B4D0
}
```

## Border

The CSS property to change the border of an element to Hex C5B4D0 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
#C5B4D0 }
```

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

```
.border{ border-color:#C5B4D0 }
```

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

Here you see how a box with a 4 pixel #C5B4D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B4D0; -webkit-box-shadow:4px 4px  
4px 4px #C5B4D0; box-shadow:4px 4px 4px  
4px #C5B4D0 }
```

# Background

The CSS property to change the background color of an element to Hex C5B4D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B4D0 }
```

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

```
.background{ background-color:#C5B4D0 }
```

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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