

# Converting Colors

Hex(C5B4E2)

Have a look what the booklet for  
Hex(C5B4E2) contains.

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# **Color**

**Hex(C5B4E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5B4E2
RGB	197, 180, 226
RGB Percent	77%, 71%, 89%
CMY	0.2275, 0.2941, 0.1137
CMYK	0.13, 0.20, 0.00, 0.11
HSL	262°, 44%, 80%
HSV	262°, 20%, 89%
XYZ	53.0747, 50.0038, 78.8059
YIQ	190.3270, -4.6340, 17.9100

# Conversions

## Conversions Part 2

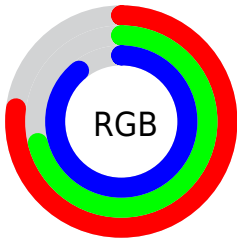
Format	Color
R <sub>Y</sub> B	197, 180, 226
Decimal	12956898
CIE Lab	76.07, 14.88, -20.82
CIE LCh	76, 25.592, 305.541
Yxy	50.0038, 0.2918, 0.2749
Android (android.graphics.Color)	4291146978 (0xFFC5B4E2)
YUV	190.3270, 17.5868, 5.8522
Hunter-Lab	70.7134, 10.2267, -16.5758

# Details

The Hex color **C5B4E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D1E2B4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **FECCFF**, and **8F7FAB** is the 20% darker color. If you saturate the color by 10%, you get **B79DE2**, and if you desaturate by 10%, it is **D3CBE2**.

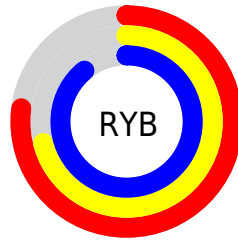
# Distribution



Red (77%)

Green (71%)

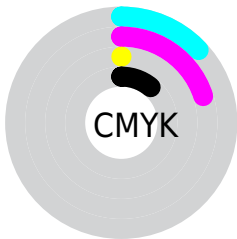
Blue (89%)



Red (77%)

Yellow (71%)

Blue (89%)

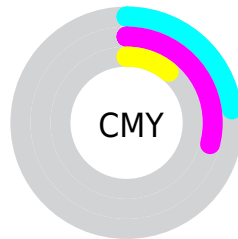


Cyan (13%)

Magenta (20%)

Yellow (0%)

Black (11%)



Cyan (23%)

Magenta (29%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5B4E2 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 C5B4E2 by changing the saturation by 10% instead.



 C5B4E2

 C5B4E2

FFFFFF

 AA99C6

 FEECFF

 8F7FAB

 756690

 5C4E76

 44375D

 2D2246

 170D2F

 00011A

 000000

 C5B4E2

 C5B4E2

 B79DE2

 D3CBE2

 A987E2

 E1E1E2

 9A70E2

 F0F8E2


 8C5AE2

 FEFFE2

 7E43E2

 FFFFE2

 702CE2

 6116E2

 5400E2

# Harmonies

## Analogous

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



A5BCEA



C5B4E2



DEADD0

# Triad

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



C5B4E2



DEB491



7EC9BF

# Complementary

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



C5B4E2



D1E2B4

# 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.



94C7A7



C5B4E2



C9BB8D

# Square

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



C5B4E2



EAADA1



AFC295



78C8D6

# Rectangle

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



C5B4E2



E8ABC0



AFC295



84C9B7



# Sweetspot

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



C5B4E2



F5F0FF



B4D1E2



7A7780



000000



808080



# Same Dimension

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



C5B4E2



D8C2FF



DCB4E2



696570



4100B0



120030



# Inverse Universe

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



E2B4D1



FFC2E8



BAE2B4



70656C



B0006F

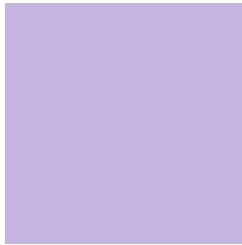


30001F



# Previews

## White Background



This preview shows how the Hex color C5B4E2 looks on a white background.

## Color Contrast Check

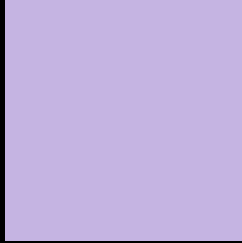
Large Text (above 18pt) WCAG AA × Fail

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 C5B4E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

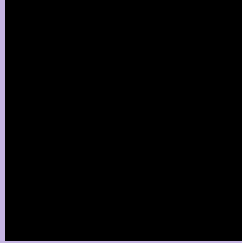
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5B4E2 Background



This preview shows how black text looks on a background with the Hex color C5B4E2.



This preview shows how white text looks on a background with the Hex color C5B4E2.

# 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**  
C5B4E2

**Protanopia**  
B1BAE6

**Deuteranopia**  
BBB7E1



**Tritanopia**  
C1B9C7

# Trichromacy



**Original Color**  
C5B4E2

**Protanomaly**  
B8B8E5

**Deuteranomaly**  
BFB6E1

**Tritanomaly**  
C2B7D1

# Monochromacy



**Original Color**  
C5B4E2

**Achromatopsia**  
BEBEBE

**Achromatomaly**  
C1BACB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5B4E2 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 #C5B4E2 looks like.

```
.text, #text, p{  
    color:#C5B4E2  
}
```

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 #C5B4E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5B4E2
}
```

## Border

The CSS property to change the border of an element to Hex C5B4E2 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
#C5B4E2 }
```

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

```
.border{ border-color:#C5B4E2 }
```

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

Here you see how a box with a 4 pixel #C5B4E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5B4E2; -webkit-box-shadow:4px 4px  
4px 4px #C5B4E2; box-shadow:4px 4px 4px  
4px #C5B4E2 }
```

# Background

The CSS property to change the background color of an element to Hex C5B4E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5B4E2 }
```

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

```
.background{ background-color:#C5B4E2 }
```

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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