

# Converting Colors

Hex(C5A1E1)

Have a look what the booklet for  
Hex(C5A1E1) contains.

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# **Color**

**Hex(C5A1E1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C5A1E1
RGB	197, 161, 225
RGB Percent	77%, 63%, 88%
CMY	0.2275, 0.3686, 0.1176
CMYK	0.12, 0.28, 0.00, 0.12
HSL	274°, 52%, 76%
HSV	274°, 28%, 88%
XYZ	49.3614, 42.7963, 76.8930
YIQ	179.0600, 0.9120, 27.5360

# Conversions

## Conversions Part 2

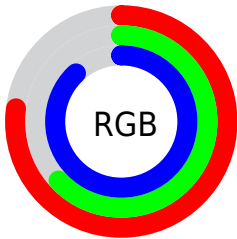
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 161, 225
Decimal	12952033
CIE <sub>Lab</sub>	71.42, 25.11, -27.39
CIE <sub>LCh</sub>	71, 37.152, 312.514
Yxy	42.7963, 0.2920, 0.2532
Android (android.graphics.Color)	4291142113 (0xFFC5A1E1)
YUV	179.0600, 22.6484, 15.7334
Hunter-Lab	65.4189, 20.2031, -23.8960

# Details

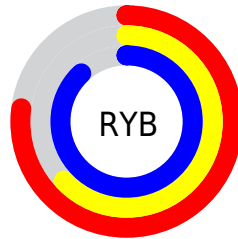
The Hex color **C5A1E1** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **BDE1A1**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **FED8FF**, and **8E6DAA** is the 20% darker color. If you saturate the color by 10%, you get **BB8BE1**, and if you desaturate by 10%, it is **CFB8E1**.

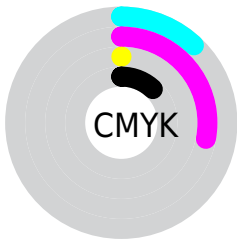
# Distribution



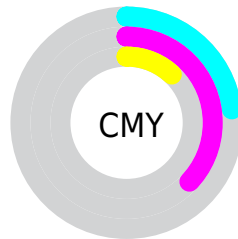
- Red (77%)
- Green (63%)
- Blue (88%)



- Red (77%)
- Yellow (63%)
- Blue (88%)



- Cyan (12%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (23%)
- Magenta (37%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C5A1E1 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 C5A1E1 by changing the saturation by 10% instead.



 C5A1E1

 C5A1E1

FFFFFF

 A987C5

 FED8FF

 8E6DAA

 FFF5FF

 74548F

 5B3D75

 42265C

 2B1144

 19002E

 000118

 000000

 C5A1E1

 C5A1E1

 BB8BE1

 CFB8E1

 B174E1

 D9CEE1

 A75EE1

 E3E4E1

 9E47E1

 ECFBE1

 9431E1

 F6FFE1

 8A1AE1

 FFFFE1

 8003E1

 7F00E1

# Harmonies

## Analogous

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



96ADF1



C5A1E1



E597C4

# Triad

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



C5A1E1



D7A66F



3BC1BC

# Complementary

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



C5A1E1



BDE1A1

# 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.



68C099



C5A1E1



B7B16C

# Square

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



C5A1E1



EB9B83



92BA7C



2BBFDC

# Rectangle

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



C5A1E1



EF95AD



92BA7C



4AC1B1



# Sweetspot

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



C5A1E1



F5E8FF



A1BEE1



797180



000000



808080



# Same Dimension

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



C5A1E1



D9A8FF



E1A1DE



6B6570



6300B0



1B0030



# Inverse Universe

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



E1A1BD



FFA8CE



A1E1A4



70656A



B0004D

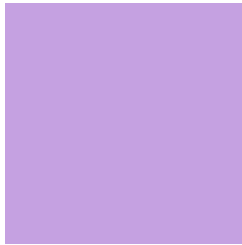


300015



# Previews

## White Background



This preview shows how the Hex color C5A1E1 looks on a white background.

## Color Contrast Check

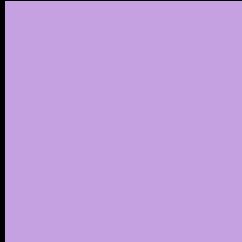
Large Text (above 18pt) WCAG AA × Fail

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 C5A1E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

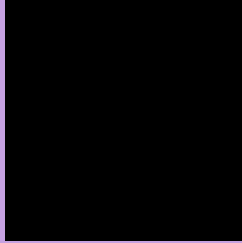
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex C5A1E1 Background



This preview shows how black text looks on a background with the Hex color C5A1E1.

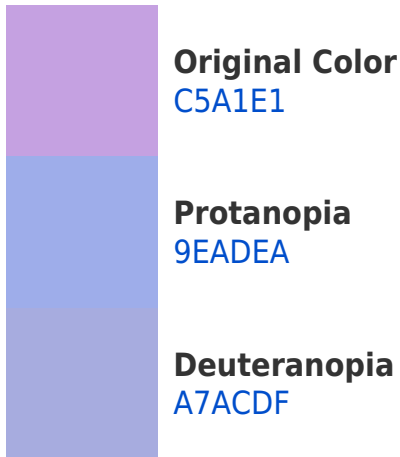


This preview shows how white text looks on a background with the Hex color C5A1E1.

# 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](#).

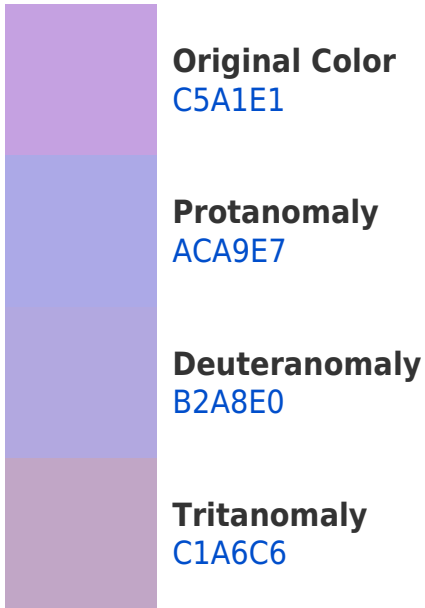
## Dichromacy



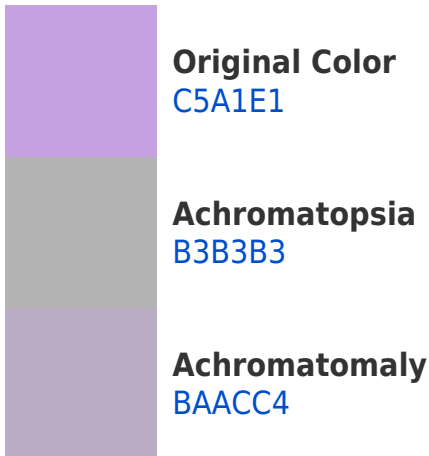


**Tritanopia**  
BEA9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex C5A1E1 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 #C5A1E1 looks like.

```
.text, #text, p{  
    color:#C5A1E1  
}
```

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 #C5A1E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5A1E1
}
```

## Border

The CSS property to change the border of an element to Hex C5A1E1 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
#C5A1E1 }
```

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

```
.border{ border-color:#C5A1E1 }
```

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

Here you see how a box with a 4 pixel #C5A1E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5A1E1; -webkit-box-shadow:4px 4px  
4px 4px #C5A1E1; box-shadow:4px 4px 4px  
4px #C5A1E1 }
```

# Background

The CSS property to change the background color of an element to Hex C5A1E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5A1E1 }
```

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

```
.background{ background-color:#C5A1E1 }
```

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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