

# Converting Colors

Hex(C1A0E3)

Have a look what the booklet for  
Hex(C1A0E3) contains.

<b>Hex(C1A0E3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(C1A0E3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C1A0E3
RGB	193, 160, 227
RGB Percent	76%, 63%, 89%
CMY	0.2431, 0.3725, 0.1098
CMYK	0.15, 0.30, 0.00, 0.11
HSL	270°, 54%, 76%
HSV	270°, 30%, 89%
XYZ	48.4283, 42.0251, 78.2323
YIQ	177.5050, -1.8390, 27.8330

# Conversions

## Conversions Part 2

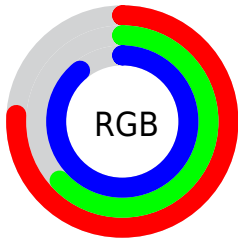
Format	Color
R <sub>Y</sub> B	193, 160, 227
Decimal	12689635
CIE Lab	70.89, 24.83, -29.32
CIE LCh	71, 38.427, 310.261
Yxy	42.0251, 0.2871, 0.2491
Android (android.graphics.Color)	4290879715 (0xFFC1A0E3)
YUV	177.5050, 24.4010, 13.5891
Hunter-Lab	64.8268, 19.8999, -26.1718

# Details

The Hex color **C1A0E3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **C2E3A0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **FAD7FF**, and **8B6CAB** is the 20% darker color. If you saturate the color by 10%, you get **B589E3**, and if you desaturate by 10%, it is **CDB7E3**.

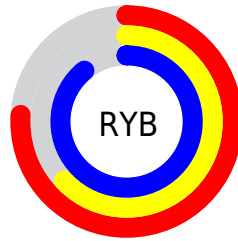
# Distribution



Red (76%)

Green (63%)

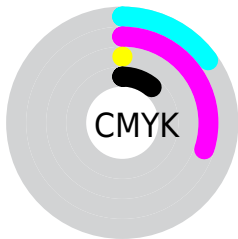
Blue (89%)



Red (76%)

Yellow (63%)

Blue (89%)

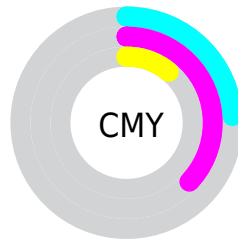


Cyan (15%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (24%)

Magenta (37%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color C1A0E3 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 C1A0E3 by changing the saturation by 10% instead.



 C1A0E3

 C1A0E3

FFFFFF

 A586C7

 FAD7FF

 8B6CAB

 FFF3FF

 705491

 573C77

 3F265E

 271046

 15002F

 00011A

 000000

 C1A0E3

 C1A0E3

 B589E3

 CDB7E3

 AA73E3

 D8CDE3

 9E5CE3

 E4E4E3

 9345E3

 EFFBE3

 872FE3

 FBFFE3

 7C18E3

 FFFFE3

 7001E3

 7000E3

# Harmonies

## Analogous

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



8EADF2



C1A0E3



E395C6

# Triad

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



C1A0E3



D8A36C



33C0B9

# Complementary

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



C1A0E3



C2E3A0

# 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.



67BE95



C1A0E3



B9AF68

# Square

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



C1A0E3



ED9882



92B977



12BEDA

# Rectangle

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



C1A0E3



EF92AF



92B977



46C0AD



# Sweetspot

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



C1A0E3



F3E8FF



A0C3E3



787180



000000



808080



# Same Dimension

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



C1A0E3



D2A6FF



E2A0E3



6D6773



5800B3



190033



# Inverse Universe

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



E3A0C2



FFA6D3



A1E3A0



73676D



B3005B

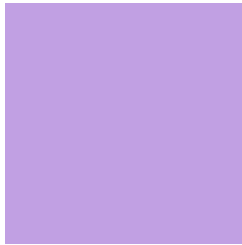


33001A



# Previews

## White Background



This preview shows how the Hex color C1A0E3 looks on a white background.

## Color Contrast Check

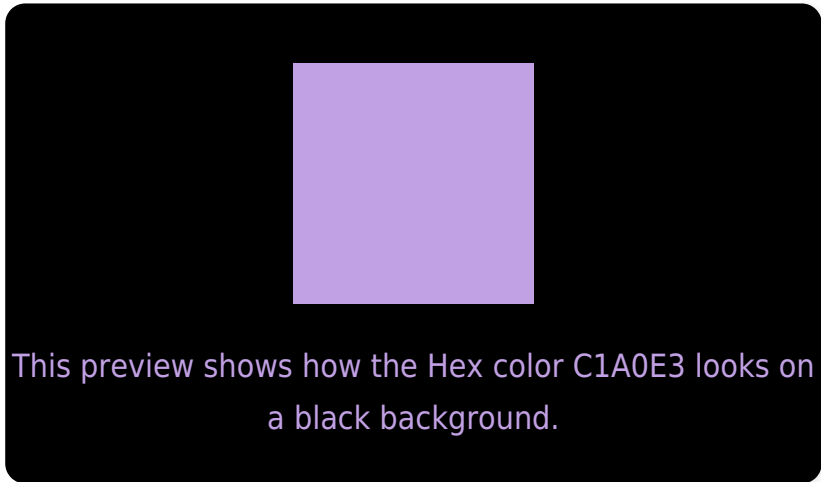
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 C1A0E3 Background



This preview shows how black text looks on a background with the Hex color C1A0E3.



This preview shows how white text looks on a background with the Hex color C1A0E3.

# 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**  
BAA9B6

# Trichromacy



**Original Color**  
C1A0E3

**Protanomaly**  
A9A7E9

**Deuteranomaly**  
AEA7E2

**Tritanomaly**  
BDA6C6

# Monochromacy



**Original Color**  
C1A0E3

**Achromatopsia**  
B2B2B2

**Achromatomaly**  
B7ABC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex C1A0E3 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 #C1A0E3 looks like.

```
.text, #text, p{  
    color:#C1A0E3  
}
```

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 #C1A0E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1A0E3
}
```

## Border

The CSS property to change the border of an element to Hex C1A0E3 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
#C1A0E3 }
```

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

```
.border{ border-color:#C1A0E3 }
```

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

Here you see how a box with a 4 pixel #C1A0E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1A0E3; -webkit-box-shadow:4px 4px  
4px 4px #C1A0E3; box-shadow:4px 4px 4px  
4px #C1A0E3 }
```

# Background

The CSS property to change the background color of an element to Hex C1A0E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1A0E3 }
```

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

```
.background{ background-color:#C1A0E3 }
```

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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