

# Converting Colors

Hex(CAC1E2)

Have a look what the booklet for  
Hex(CAC1E2) contains.

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# **Color**

**Hex(CAC1E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CAC1E2
RGB	202, 193, 226
RGB Percent	79%, 76%, 89%
CMY	0.2078, 0.2431, 0.1137
CMYK	0.11, 0.15, 0.00, 0.11
HSL	256°, 36%, 82%
HSV	256°, 15%, 89%
XYZ	57.1546, 56.1875, 79.7844
YIQ	199.4530, -5.2290, 12.1710

# Conversions

## Conversions Part 2

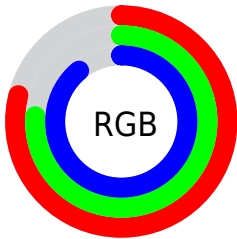
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	202, 193, 226
Decimal	13287906
CIE Lab	79.72, 9.44, -15.27
CIE LCh	80, 17.955, 301.718
Yxy	56.1875, 0.2959, 0.2909
Android (android.graphics.Color)	4291477986 (0xFFCAC1E2)
YUV	199.4530, 13.0877, 2.2337
Hunter-Lab	74.9583, 4.9265, -10.6365

# Details

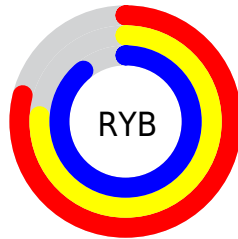
The Hex color **CAC1E2** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **D9E2C1**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **FFF9FF**, and **948CAB** is the 20% darker color. If you saturate the color by 10%, you get **BAAAE2**, and if you desaturate by 10%, it is **DAD8E2**.

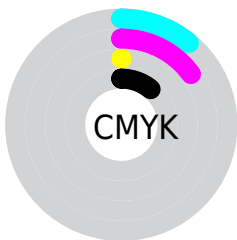
# Distribution



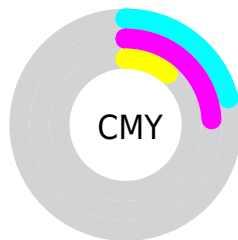
- Red (79%)
- Green (76%)
- Blue (89%)



- Red (79%)
- Yellow (76%)
- Blue (89%)



- Cyan (11%)
- Magenta (15%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (24%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color CAC1E2 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 CAC1E2 by changing the saturation by 10% instead.



 CAC1E2

 CAC1E2

FFFFFF

 AFA6C6

 FFF9FF

 948CAB

 7A7290

 615A76

 49425E

 322C46

 1C1730

 04001B

 000000

 CAC1E2

 CAC1E2

 BAAAE2

 DAD8E2

 A994E2

 EBEEE2

 997DE2

 FBFFE2

 8867E2

 FFFFE2

 7850E2

 6739E2

 5723E2

 470CE2

 3E00E2

# Harmonies

## Analogous

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



B4C7E7



CAC1E2



DCBCD6

# Triad

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



CAC1E2



E1BFA9



9ECFC6

# Complementary

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



CAC1E2



D9E2C1

# 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.



ADCEB5



CAC1E2



D2C5A4

# Square

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



CAC1E2



E8BBB5



BFCAA9



9ACFD7

# Rectangle

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



CAC1E2



E5BACB



BFCAA9



A2CFC0



# Sweetspot

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



CAC1E2



F8F5FF



C1D9E2



7B7980



000000



808080



# Same Dimension

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



CAC1E2



DED1FF



DAC1E2



686570



3000B0



0D0030



# Inverse Universe

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



E2C1D9



FFD1F2



C9E2C1



70656D



B00080



300023



# Previews

## White Background



This preview shows how the Hex color CAC1E2 looks on a white background.

## Color Contrast Check

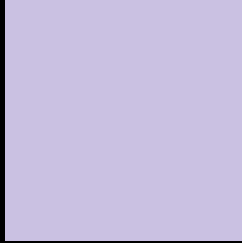
Large Text (above 18pt) WCAG AA × Fail

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 CAC1E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

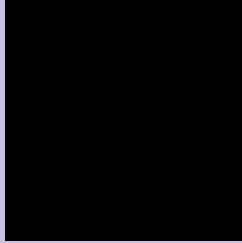
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex CAC1E2 Background



This preview shows how black text looks on a background with the Hex color CAC1E2.



This preview shows how white text looks on a background with the Hex color CAC1E2.

# 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**  
CAC1E2

**Protanopia**  
C0C4E4

**Deuteranopia**  
CBC1E2



**Tritanopia**  
C8C4D3

# Trichromacy



**Original Color**  
CAC1E2

**Protanomaly**  
C4C3E3

**Deuteranomaly**  
CBC1E2

**Tritanomaly**  
C9C3D8

# Monochromacy



**Original Color**  
CAC1E2

**Achromatopsia**  
C7C7C7

**Achromatomaly**  
C8C5D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex CAC1E2 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 #CAC1E2 looks like.

```
.text, #text, p{  
    color:#CAC1E2  
}
```

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 #CAC1E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC1E2
}
```

## Border

The CSS property to change the border of an element to Hex CAC1E2 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
#CAC1E2 }
```

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

```
.border{ border-color:#CAC1E2 }
```

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

Here you see how a box with a 4 pixel #CAC1E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC1E2; -webkit-box-shadow:4px 4px  
4px 4px #CAC1E2; box-shadow:4px 4px 4px  
4px #CAC1E2 }
```

# Background

The CSS property to change the background color of an element to Hex CAC1E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC1E2 }
```

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

```
.background{ background-color:#CAC1E2 }
```

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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