

Converting Colors

Hex(CAC4E4)

Have a look what the booklet for
Hex(CAC4E4) contains.

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Color

Hex(CAC4E4)

Conversions

Conversions Part 1

Format	Color
Hex	CAC4E4
RGB	202, 196, 228
RGB Percent	79%, 77%, 89%
CMY	0.2078, 0.2314, 0.1059
CMYK	0.11, 0.14, 0.00, 0.11
HSL	251°, 37%, 83%
HSV	251°, 14%, 89%
XYZ	58.1006, 57.6378, 81.4618
YIQ	201.4420, -6.6960, 11.2240

Conversions

Conversions Part 2

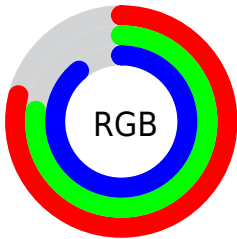
Format	Color
R _Y B	202, 196, 228
Decimal	13288676
CIE Lab	80.54, 8.24, -15.12
CIE LCh	81, 17.217, 298.576
Yxy	57.6378, 0.2946, 0.2923
Android (android.graphics.Color)	4291478756 (0xFFCAC4E4)
YUV	201.4420, 13.0931, 0.4894
Hunter-Lab	75.9196, 3.7453, -10.4745

Details

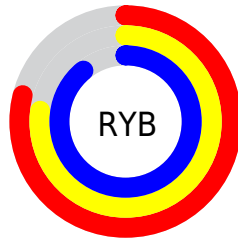
The Hex color **CAC4E4** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DEE4C4**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **FFDFF**, and **948EAD** is the 20% darker color. If you saturate the color by 10%, you get **B7ADE4**, and if you desaturate by 10%, it is **DDDBE4**.

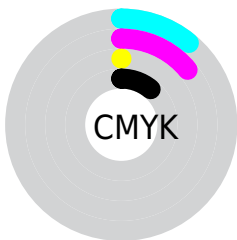
Distribution



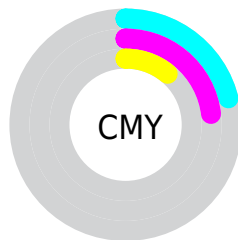
- Red (79%)
- Green (77%)
- Blue (89%)



- Red (79%)
- Yellow (77%)
- Blue (89%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (21%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color CAC4E4 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 CAC4E4 by changing the saturation by 10% instead.

■ CAC4E4

■ CAC4E4

FFFFFF

■ AFA9C8

■ FFFDFD

■ 948EAD

■ 7A7592

■ 615C78

■ 49455F

■ 322E48

■ 1C1A31

■ 06001D

■ 000000

 CAC4E4

 CAC4E4

 B7ADE4

 DDDBE4

 A596E4

 EFF2E4

 9280E4

 FFFFE4

 8069E4

 6D52E4

 5B3BE4

 4824E4

 360EE4

 2B00E4

Harmonies

Analogous

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



B5C9E8



CAC4E4



DCBFD9

Triad

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



CAC4E4



E3C1AD



A3D1C6

Complementary

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



CAC4E4



DEE4C4

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.



B2CFB7



CAC4E4



D6C6A8

Square

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



CAC4E4



EABEB9



C4CCAB



9ED1D7

Rectangle

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



CAC4E4



E5BDCF



C4CCAB



A7D1C1

Sweetspot

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



CAC4E4



F7F5FF



C4DEE4



7A7980



000000



808080

Same Dimension

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



CAC4E4



DCD4FF



DAC4E4



696773



2100B3



0A0033

Inverse Universe

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



E4C4DE



FFD4F7



CEE4C4



736771



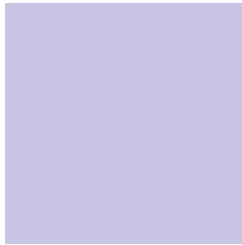
B30091



330029

Previews

White Background



This preview shows how the Hex color CAC4E4 looks on a white background.

Color Contrast Check

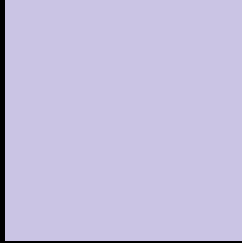
Large Text (above 18pt) WCAG AA × Fail

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 CAC4E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

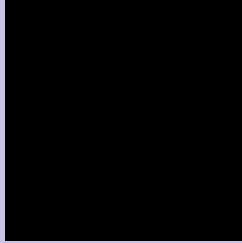
Any Text WCAG AA ✓ Pass

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 CAC4E4 Background



This preview shows how black text looks on a background with the Hex color CAC4E4.



This preview shows how white text looks on a background with the Hex color CAC4E4.

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
CAC4E4

Protanopia
C2C6E5

Deuteranopia
CEC3E4



Tritanopia
C8C6D6

Trichromacy



Original Color
CAC4E4

Protanomaly
C5C5E5

Deuteranomaly
CDC3E4

Tritanomaly
C9C5DB

Monochromacy



Original Color
CAC4E4

Achromatopsia
C9C9C9

Achromatomaly
C9C7D3

CSS Examples

Text

The CSS property to change the color of the text to Hex CAC4E4 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 #CAC4E4 looks like.

```
.text, #text, p{  
    color:#CAC4E4  
}
```

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 #CAC4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CAC4E4
}
```

Border

The CSS property to change the border of an element to Hex CAC4E4 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
#CAC4E4 }
```

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

```
.border{ border-color:#CAC4E4 }
```

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

Here you see how a box with a 4 pixel #CAC4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CAC4E4; -webkit-box-shadow:4px 4px  
4px 4px #CAC4E4; box-shadow:4px 4px 4px  
4px #CAC4E4 }
```

Background

The CSS property to change the background color of an element to Hex CAC4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CAC4E4 }
```

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

```
.background{ background-color:#CAC4E4 }
```

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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