

Converting Colors

Hex(C5ACC0)

Have a look what the booklet for
Hex(C5ACC0) contains.

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Color

Hex(C5ACC0)

Conversions

Conversions Part 1

Format	Color
Hex	C5ACC0
RGB	197, 172, 192
RGB Percent	77%, 67%, 75%
CMY	0.2275, 0.3255, 0.2471
CMYK	0.00, 0.13, 0.03, 0.23
HSL	312°, 18%, 72%
HSV	312°, 13%, 77%
XYZ	47.2929, 45.1811, 56.0974
YIQ	181.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

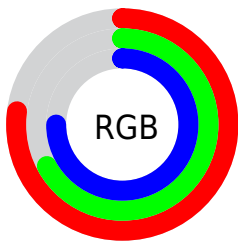
Format	Color
R _Y B	197, 172, 192
Decimal	12954816
CIE Lab	73.01, 12.54, -6.87
CIE LCh	73, 14.296, 331.296
Yxy	45.1811, 0.3183, 0.3041
Android (android.graphics.Color)	4291144896 (0xFFC5ACC0)
YUV	181.7550, 5.0508, 13.3699
Hunter-Lab	67.2169, 7.9606, -2.4300

Details

The Hex color **C5ACC0** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **ACC5B1**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FEE3F8**, and **8F788B** is the 20% darker color. If you saturate the color by 10%, you get **C598BC**, and if you desaturate by 10%, it is **C5C0C4**.

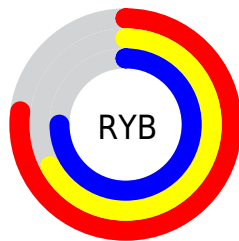
Distribution



Red (77%)

Green (67%)

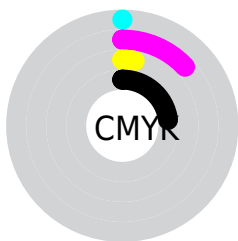
Blue (75%)



Red (77%)

Yellow (67%)

Blue (75%)

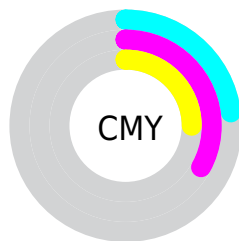


Cyan (0%)

Magenta (13%)

Yellow (3%)

Black (23%)



Cyan (23%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5ACC0 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 C5ACC0 by changing the saturation by 10% instead.

 C5ACCO

 C5ACCO

FFFFFF

 AA91A5

 FEE3F8

 8F788B

 755F71

 5D4759

 453141

 2E1B2B

 1B0217

 000000

 C5ACCO

 C5ACCO

 C598BC

 C5C0C4

 C585B8

 C5D3C8

 C571B4

 C5E7CC

 C55DB0

 C5FBD0

 C54AAC

 C5FFD4

 C536A8

 C5FFD8

 C522A4

 C5FFDC

 C50EA0

 C5FFE0

 C5009E

 C5FFE3

Harmonies

Analogous

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



B7BOCA



C5ACC0



CEAAB3

Triad

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



C5ACC0



BDB299



92BAC0

Complementary

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



C5ACC0



ACC5B1

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.



95BBB3



C5ACC0



AFB79D

Square

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



C5ACC0



C9AE9D



A0BAA6



98B8CA

Rectangle

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



C5ACC0



CFABAA



A0BAA6



92BBBC

Sweetspot

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



C5ACC0



FFF5FD



B1ACC5



80797E



000000



808080

Same Dimension

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



C5ACC0



FFD9F7



C5ACB4



635A61



A30083



24001D

Inverse Universe

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



C5ACC0



FFD9F7



ACC5BE



635A61



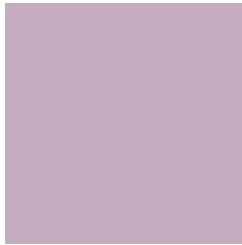
A30083



24001D

Previews

White Background



This preview shows how the Hex color C5ACC0 looks on a white background.

Color Contrast Check

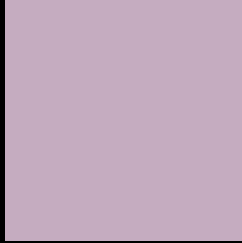
Large Text (above 18pt) WCAG AA × Fail

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 C5ACC0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

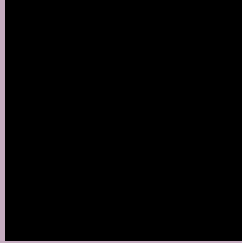
Any Text WCAG AA ✓ Pass

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 C5ACC0 Background



This preview shows how black text looks on a background with the Hex color C5ACC0.

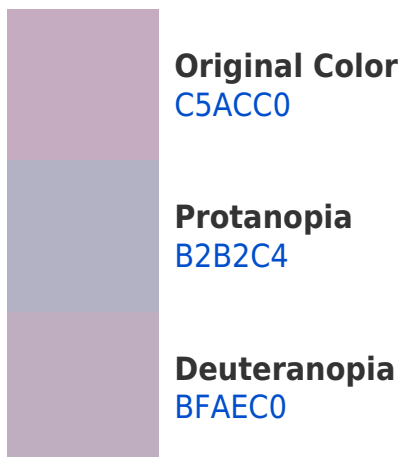


This preview shows how white text looks on a background with the Hex color C5ACC0.

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
C4ADBA

Trichromacy



Original Color
C5ACC0

Protanomaly
B9B0C3

Deuteranomaly
C1ADC0

Tritanomaly
C4ADBC

Monochromacy



Original Color
C5ACC0

Achromatopsia
B6B6B6

Achromatomaly
BBB2BA

CSS Examples

Text

The CSS property to change the color of the text to Hex C5ACC0 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 #C5ACC0 looks like.

```
.text, #text, p{  
    color:#C5ACC0  
}
```

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 #C5ACC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5ACC0
}
```

Border

The CSS property to change the border of an element to Hex C5ACC0 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
#C5ACC0 }
```

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

```
.border{ border-color:#C5ACC0 }
```

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

Here you see how a box with a 4 pixel #C5ACC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5ACC0; -webkit-box-shadow:4px 4px  
4px 4px #C5ACC0; box-shadow:4px 4px 4px  
4px #C5ACC0 }
```

Background

The CSS property to change the background color of an element to Hex C5ACC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5ACC0 }
```

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

```
.background{ background-color:#C5ACC0 }
```

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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