

Converting Colors

Hex(C5AACC)

Have a look what the booklet for
Hex(C5AACC) contains.

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Color

Hex(C5AACC)

Conversions

Conversions Part 1

Format	Color
Hex	C5AACC
RGB	197, 170, 204
RGB Percent	77%, 67%, 80%
CMY	0.2275, 0.3333, 0.2000
CMYK	0.03, 0.17, 0.00, 0.20
HSL	288°, 25%, 73%
HSV	288°, 17%, 80%
XYZ	48.2998, 44.9794, 63.2630
YIQ	181.9490, 5.1780, 16.2980

Conversions

Conversions Part 2

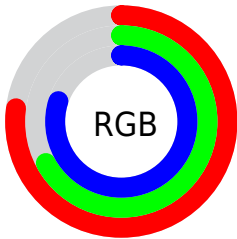
Format	Color
RYB	197, 170, 204
Decimal	12954316
CIELab	72.88, 15.90, -13.65
CIELCh	73, 20.958, 319.360
Yxy	44.9794, 0.3085, 0.2873
Android (android.graphics.Color)	4291144396 (0xFFC5AACC)
YUV	181.9490, 10.8711, 13.1997
Hunter-Lab	67.0667, 11.1846, -8.9807

Details

The Hex color **C5AACC** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **B1CCAA**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **FEE1FF**, and **8F7696** is the 20% darker color. If you saturate the color by 10%, you get **C196CC**, and if you desaturate by 10%, it is **C9BECC**.

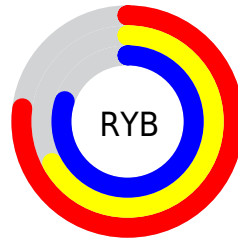
Distribution



Red (77%)

Green (67%)

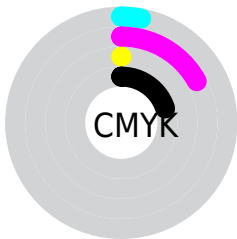
Blue (80%)



Red (77%)

Yellow (67%)

Blue (80%)

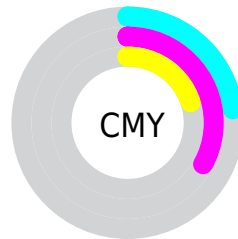


Cyan (3%)

Magenta (17%)

Yellow (0%)

Black (20%)



Cyan (23%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color C5AACC 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 C5AACC by changing the saturation by 10% instead.

 C5AACC

 C5AACC

FFFFFF

 AA8FB1

 FEE1FF

 8F7696

FFFEFF

 755D7C

 5C4563

 452F4B

 2E1934

 1B001F

 000003

 000000

 C5AACC

 C5AACC

 C196CC

 C9BECC

 BD81CC

 CDD3CC

 B86DCC

 D2E7CC

 B458CC

 D6FCCC

 B044CC

 DAFFCC

 AC30CC

 DEFFCC

 A81BCC

 E2FFCC

 A307CC

 E7FFCC

 A200CC

 EBFFCC

Harmonies

Analogous

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



`ADB0D7`



`C5AACC`



`D5A6BB`

Triad

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



C5AACC



C8AF8E



7FBEBF

Complementary

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



C5AACC



B1CCAA

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.



8BBDAB



C5AACC



B4B68F

Square

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



C5AACC



D6A997



9EBB99



82BBCF

Rectangle

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



C5AACC



DAA5AD



9EBB99



81BEB8

Sweetspot

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



C5AACC



FCF2FF



AAB1CC



7E7880



000000



808080

Same Dimension

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



C5AACC



F4CCFF



CCAAC2



645C66



8400A6



1E0026

Inverse Universe

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



CCAAB1



FFCCD6



AACCB4



665C5E



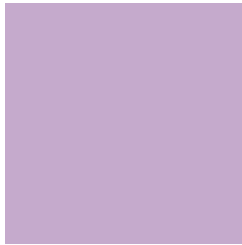
A60022



260008

Previews

White Background



This preview shows how the Hex color C5AACC looks on a white background.

Color Contrast Check

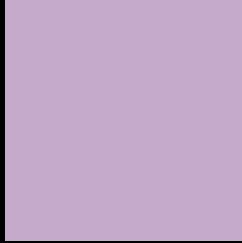
Large Text (above 18pt) WCAG AA × Fail

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 C5AACC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

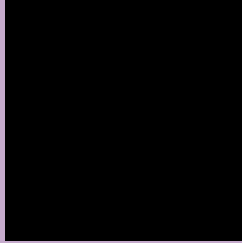
Any Text WCAG AA ✓ Pass

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 C5AACC Background



This preview shows how black text looks on a background with the Hex color C5AACC.

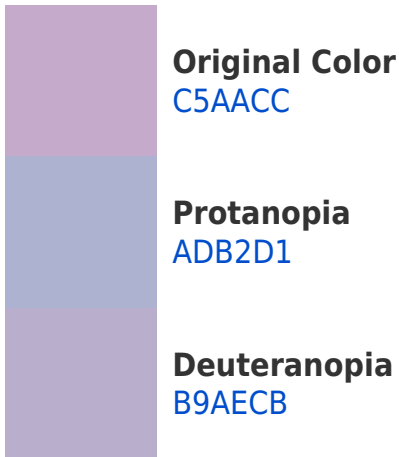


This preview shows how white text looks on a background with the Hex color C5AACC.

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



Trichromacy



Original Color
C5AACC

Protanomaly
B6AFCF

Deuteranomaly
BDADCB

Tritanomaly
C3ACC1

Monochromacy



Original Color
C5AACC

Achromatopsia
B6B6B6

Achromatomaly
BBB2BE

CSS Examples

Text

The CSS property to change the color of the text to Hex C5AACC 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 #C5AACC looks like.

```
.text, #text, p{  
    color:#C5AACC  
}
```

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 #C5AACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C5AACC
}
```

Border

The CSS property to change the border of an element to Hex C5AACC 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
#C5AACC }
```

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

```
.border{ border-color:#C5AACC }
```

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

Here you see how a box with a 4 pixel #C5AACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C5AACC; -webkit-box-shadow:4px 4px  
4px 4px #C5AACC; box-shadow:4px 4px 4px  
4px #C5AACC }
```

Background

The CSS property to change the background color of an element to Hex C5AACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C5AACC }
```

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

```
.background{ background-color:#C5AACC }
```

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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