

Converting Colors

Hex(5CAACC)

Have a look what the booklet for
Hex(5CAACC) contains.

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Color

Hex(5CAACC)

Conversions

Conversions Part 1

Format	Color
Hex	5CAACC
RGB	92, 170, 204
RGB Percent	36%, 67%, 80%
CMY	0.6392, 0.3333, 0.2000
CMYK	0.55, 0.17, 0.00, 0.20
HSL	198°, 52%, 58%
HSV	198°, 55%, 80%
XYZ	29.6874, 35.3844, 62.3919
YIQ	150.5540, -57.4020, -5.9620

Conversions

Conversions Part 2

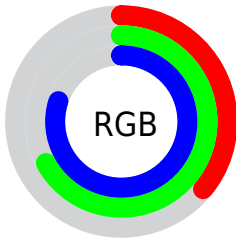
Format	Color
R_{YB}	92, 138, 204
Decimal	6073036
CIE _{Lab}	66.05, -14.40, -24.66
CIE _{LCh}	66, 28.558, 239.709
Yxy	35.3844, 0.2329, 0.2776
Android (android.graphics.Color)	4284263116 (0xFF5CAACC)
YUV	150.5540, 26.3489, -51.3519
Hunter-Lab	59.4848, -15.0133, -20.5483

Details

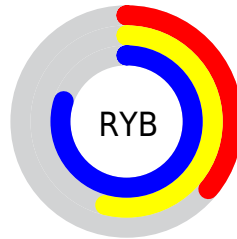
The Hex color **5CAACC** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **CC7E5C**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **96E1FF**, and **187696** is the 20% darker color. If you saturate the color by 10%, you get **48A4CC**, and if you desaturate by 10%, it is **70B0CC**.

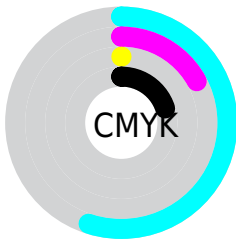
Distribution



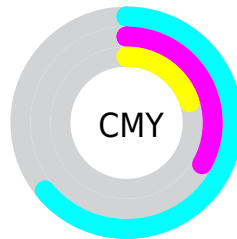
- Red (36%)
- Green (67%)
- Blue (80%)



- Red (36%)
- Yellow (54%)
- Blue (80%)



- Cyan (55%)
- Magenta (17%)
- Yellow (0%)
- Black (20%)



- Cyan (64%)
- Magenta (33%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5CAACC 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 5CAACC by changing the saturation by 10% instead.

■ 5CAACC

■ 5CAACC

FFFFFF

■ 3E8FB0

■ 96E1FF

■ 187696

■ B2FEFF

■ 005D7C

■ D0FFFF

■ 004563

■ EDFFFF

■ 002F4B

■ 001B34

■ 00021F

■ 000001

■ 000000

■ 5CAACC

■ 5CAACC

■ 48A4CC

■ 70B0CC

■ 339ECC

■ 85B6CC

■ 1F97CC

■ 99BDCC

■ 0A91CC

■ AEC3CC

■ 008ECC

■ C2C9CC

■ D6CFCC

■ EBD5CC

■ FFDCCC

■ FFE2CC

Harmonies

Analogous

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



4EAEB9



5CAACC



7FA3D3

Triad

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



5CAACC



D18EA2



98A773

Complementary

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



5CAACC



CC7E5C

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.



B39F6D



5CAACC



D38F88

Square

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



5CAACC



C192BB



C89675



7AAC86

Rectangle

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



5CAACC



989DD1



C89675



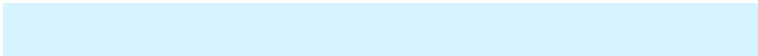
A1A470

Sweetspot

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



5CAACC



D6F3FF



5CCC7E



677880



000000



808080

Same Dimension

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



5CAACC



57CCFF



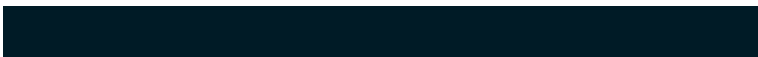
5C72CC



5C6366



0073A6



001B26

Inverse Universe

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



CC5CAA



FF57CC



CCB65C



665C63



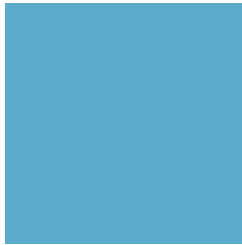
A60073



26001B

Previews

White Background



This preview shows how the Hex color 5CAACC looks on a white background.

Color Contrast Check

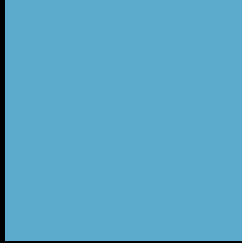
Large Text (above 18pt) WCAG AA × Fail

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 5CAACC 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 5CAACC Background



This preview shows how black text looks on a background with the Hex color 5CAACC.

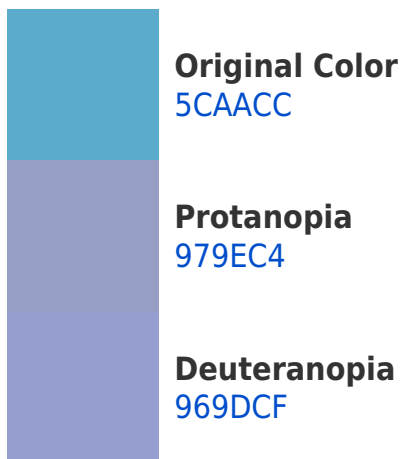


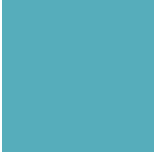
This preview shows how white text looks on a background with the Hex color 5CAACC.

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](#).

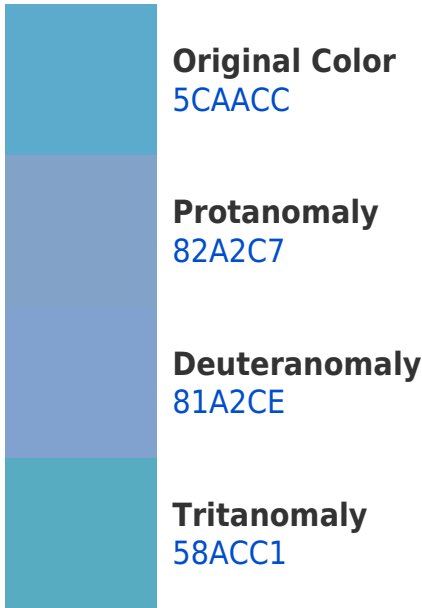
Dichromacy



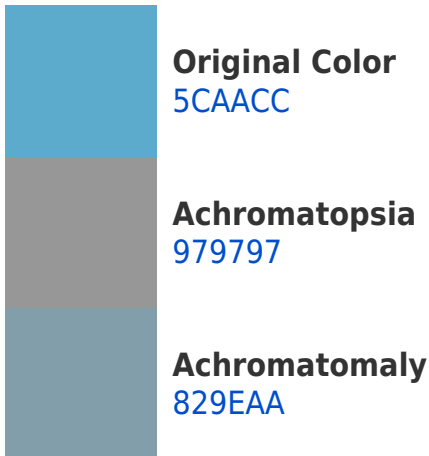


Tritanopia
56ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5CAACC 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 #5CAACC looks like.

```
.text, #text, p{  
    color:#5CAACC  
}
```

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 #5CAACC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5CAACC
}
```

Border

The CSS property to change the border of an element to Hex 5CAACC 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
#5CAACC }
```

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

```
.border{ border-color:#5CAACC }
```

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

Here you see how a box with a 4 pixel #5CAACC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5CAACC; -webkit-box-shadow:4px 4px  
4px 4px #5CAACC; box-shadow:4px 4px 4px  
4px #5CAACC }
```

Background

The CSS property to change the background color of an element to Hex 5CAACC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5CAACC }
```

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

```
.background{ background-color:#5CAACC }
```

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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