

# Converting Colors

Hex(5CAAEC)

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

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# **Color**

**Hex(5CAAEC)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 5CAAEC                     |
| RGB         | 92, 170, 236               |
| RGB Percent | 36%, 67%, 93%              |
| CMY         | 0.6392, 0.3333, 0.0745     |
| CMYK        | 0.61, 0.28, 0.00, 0.07     |
| HSL         | 208°, 79%, 64%             |
| HSV         | 208°, 61%, 93%             |
| XYZ         | 33.9287, 37.0809, 84.7260  |
| YIQ         | 154.2020, -67.6740, 3.9900 |

# Conversions

## Conversions Part 2

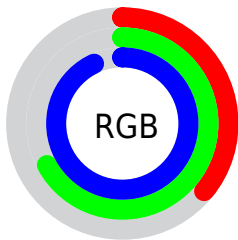
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 92, 143, 236                   |
| Decimal                             | 6073068                        |
| CIE Lab                             | 67.34, -4.53, -40.27           |
| CIE LCh                             | 67, 40.525, 263.587            |
| Yxy                                 | 37.0809, 0.2179,<br>0.2381     |
| Android<br>(android.graphics.Color) | 4284263148<br>(0xFF5CAAEC)     |
| YUV                                 | 154.2020, 40.3264,<br>-54.5512 |
| Hunter-Lab                          | 60.8941, -7.1088,<br>-39.8683  |

# Details

The Hex color **5CAAEC** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **EC9E5C**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **99E1FF**, and **0076B4** is the 20% darker color. If you saturate the color by 10%, you get **449FEC**, and if you desaturate by 10%, it is **74B5EC**.

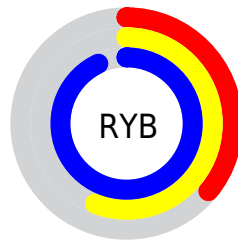
# Distribution



Red (36%)

Green (67%)

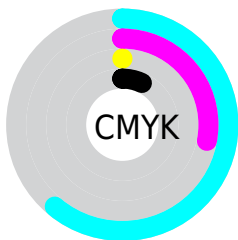
Blue (93%)



Red (36%)

Yellow (56%)

Blue (93%)

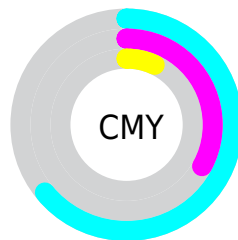


Cyan (61%)

Magenta (28%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (33%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ 5CAAEC

■ 5CAAEC

FFFFFF

■ 3A90D0

■ 99E1FF

■ 0076B4

■ B7FEFF

■ 005E99

■ D5FFFF

■ 00467F

■ F3FFFF

■ 003065

■ 001C4D

■ 000536

■ 00021F

■ 000003

■ 5CAAEC

■ 5CAAEC

■ 449FEC

■ 74B5EC

■ 2D94EC

■ 8BC0EC

■ 158AEC

■ A3CAEC

■ 0080EC

■ BAD5EC

■ D2E0EC

■ EAEBEC

■ FFF6EC

■ FFFFEC

# Harmonies

## Analogous

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



00B3DE



5CAAEC



9C9DE7

# Triad

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



5CAAEC



EA8989



73B377

# Complementary

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



5CAAEC



EC9E5C

# 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.



9EAB5F



5CAAEC



DD926A

# Square

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



5CAAEC



E588AD



C29F5B



3DB79B

# Rectangle

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



5CAAEC



BD94D9



C29F5B



82B06E

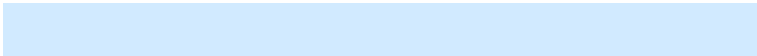


# Sweetspot

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



5CAAEC



D1EAFF



5CEC9D



637380



000000



808080



# Same Dimension

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



5CAAEC



45AAFF



5C63EC



6A7075



0062B5



001D36



# Inverse Universe

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



EC5CAA



FF45AA



ECE55C



756A70



B50062



36001D



# Previews

## White Background



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

## Color Contrast Check

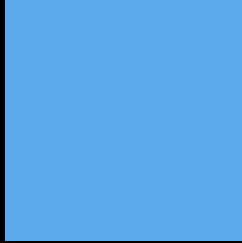
Large Text (above 18pt) WCAG AA × Fail

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 5CAAEC 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

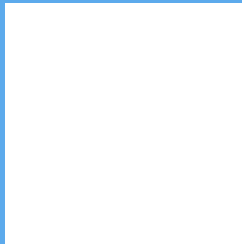
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5CAAEC Background



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

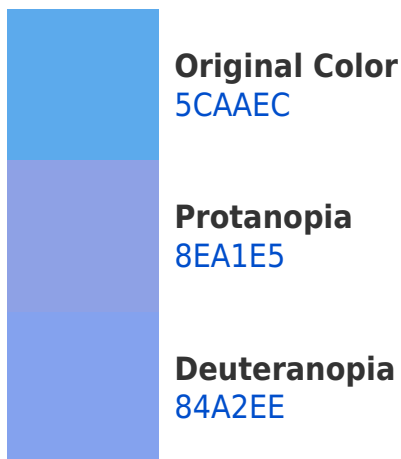


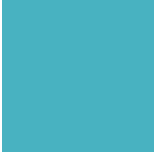
This preview shows how white text looks on a background with the Hex color 5CAAEC.

# 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](#).

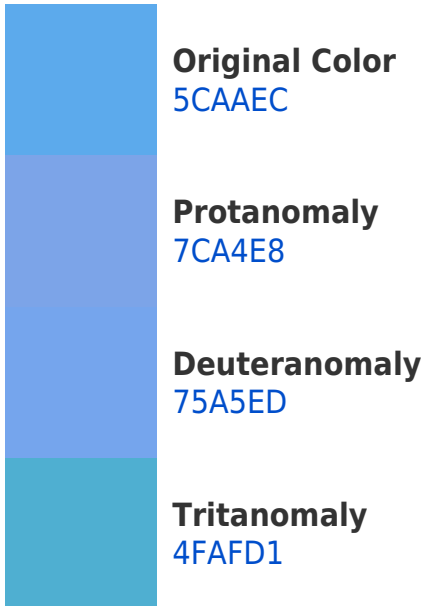
## Dichromacy



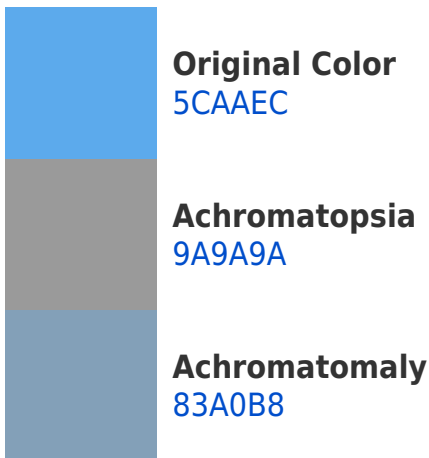


**Tritanopia**  
48B2C1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #5CAAEC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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