

Converting Colors

Hex(4CACC3)

Have a look what the booklet for
Hex(4CACC3) contains.

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Color

Hex(4CACCC3)

Conversions

Conversions Part 1

Format	Color
Hex	4CACC3
RGB	76, 172, 195
RGB Percent	30%, 67%, 76%
CMY	0.7020, 0.3255, 0.2353
CMYK	0.61, 0.12, 0.00, 0.24
HSL	192°, 50%, 53%
HSV	192°, 61%, 76%
XYZ	27.5833, 34.9817, 56.9281
YIQ	145.9180, -64.5990, -13.1990

Conversions

Conversions Part 2

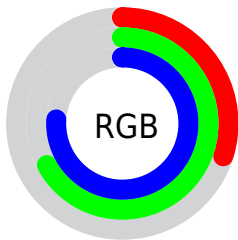
Format	Color
RYB	76, 129, 195
Decimal	5024963
CIELab	65.73, -21.27, -20.20
CIELCh	66, 29.333, 223.522
Yxy	34.9817, 0.2308, 0.2928
Android (android.graphics.Color)	4283215043 (0xFF4CACC3)
YUV	145.9180, 24.1974, -61.3181
Hunter-Lab	59.1453, -20.2580, -15.6657

Details

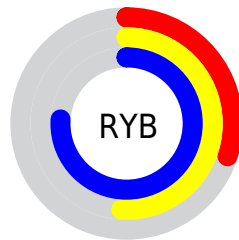
The Hex color **4CACC3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C3634C**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **88E4FC**, and **00778D** is the 20% darker color. If you saturate the color by 10%, you get **39A8C3**, and if you desaturate by 10%, it is **60B0C3**.

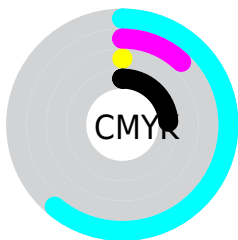
Distribution



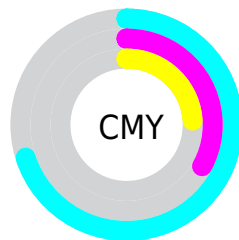
- Red (30%)
- Green (67%)
- Blue (76%)



- Red (30%)
- Yellow (51%)
- Blue (76%)



- Cyan (61%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CACC3 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 4CACC3 by changing the saturation by 10% instead.

 4CACC3

 4CACC3

FFFFFF

 2991A8

 88E4FC

 00778D

 A5FFFF

 005F74

 C2FFFF

 00475B

 E0FFFF

 003043

FEFFFF

 001D2D

 000119

 000000

 4CACC3

 4CACC3

■ 39A8C3

■ 60B0C3

■ 25A4C3

■ 73B4C3

■ 12A1C3

■ 86B7C3

■ 009DC3

■ 9ABBC3

■ AEBFC3

■ C1C3C3

■ D5C6C3

■ E8CAC3

■ FCCEC3

Harmonies

Analogous

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



50AEAB



4CACC3



68A6D1

Triad

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



4CACC3



CA8EAF



A6A26C

Complementary

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



4CACC3



C3634C

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.



BF996E



4CACC3



D48C95

Square

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



4CACC3



B295C6



D0917D



89A979

Rectangle

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



4CACC3



82A1D4



D0917D



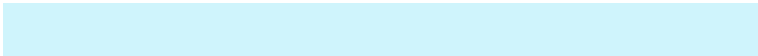
AF9F6B

Sweetspot

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



4CACC3



CFF4FC



4CC362



637A80



000000



808080

Same Dimension

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



4CACC3



44D9FC



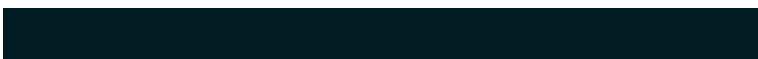
4C72C3



575F61



0082A1



001B21

Inverse Universe

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



C34CAC



FC44D9



C39D4C



61575F



A10082



21001B

Previews

White Background



This preview shows how the Hex color 4CACC3 looks on a white background.

Color Contrast Check

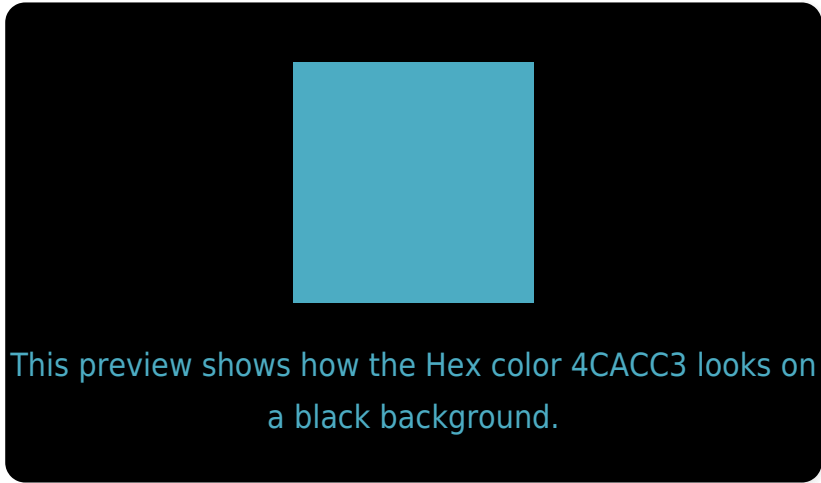
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

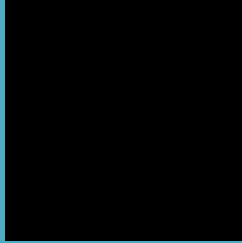
Any Text WCAG AA ✓ Pass

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 4CACC3 Background



This preview shows how black text looks on a background with the Hex color 4CACC3.

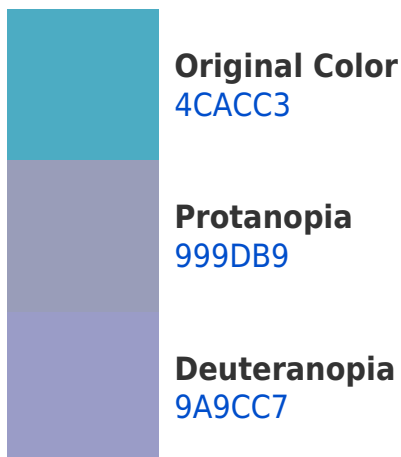


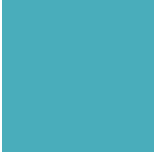
This preview shows how white text looks on a background with the Hex color 4CACC3.

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](#).

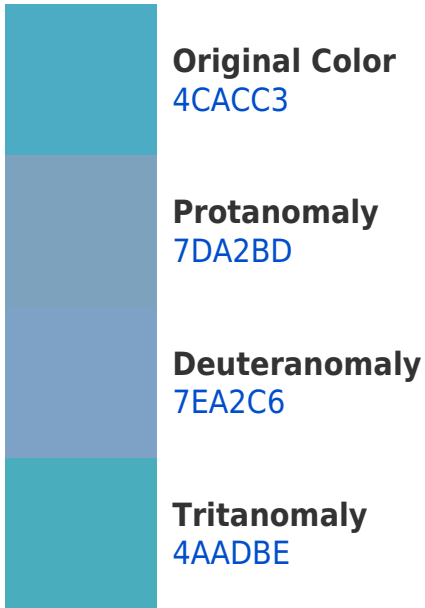
Dichromacy



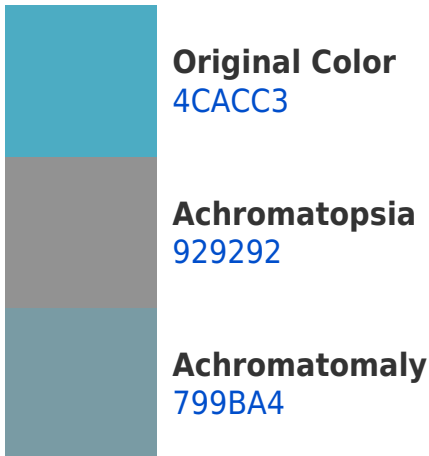


Tritanopia
49ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CACC3 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 #4CACC3 looks like.

```
.text, #text, p{  
    color:#4CACC3  
}
```

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 #4CACC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CACC3
}
```

Border

The CSS property to change the border of an element to Hex 4CACC3 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
#4CACC3 }
```

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

```
.border{ border-color:#4CACC3 }
```

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

Here you see how a box with a 4 pixel #4CACC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CACC3; -webkit-box-shadow:4px 4px  
4px 4px #4CACC3; box-shadow:4px 4px 4px  
4px #4CACC3 }
```

Background

The CSS property to change the background color of an element to Hex 4CACC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CACC3 }
```

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

```
.background{ background-color:#4CACC3 }
```

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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