

Converting Colors

Hex(4CA3C1)

Have a look what the booklet for
Hex(4CA3C1) contains.

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Color

Hex(4CA3C1)

Conversions

Conversions Part 1

Format	Color
Hex	4CA3C1
RGB	76, 163, 193
RGB Percent	30%, 64%, 76%
CMY	0.7020, 0.3608, 0.2431
CMYK	0.61, 0.16, 0.00, 0.24
HSL	195°, 49%, 53%
HSV	195°, 61%, 76%
XYZ	25.7033, 31.5811, 55.1931
YIQ	140.4070, -61.4820, -9.1140

Conversions

Conversions Part 2

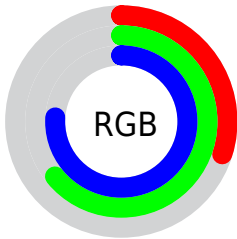
Format	Color
RYB	76, 126, 193
Decimal	5022657
CIELab	63.00, -17.16, -23.27
CIELCh	63, 28.912, 233.591
Yxy	31.5811, 0.2285, 0.2808
Android (android.graphics.Color)	4283212737 (0xFF4CA3C1)
YUV	140.4070, 25.9283, -56.4849
Hunter-Lab	56.1971, -16.7029, -18.8928

Details

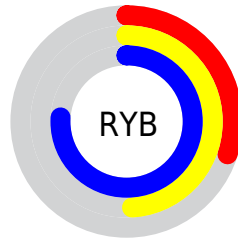
The Hex color **4CA3C1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **C16A4C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **87DAFA**, and **006F8B** is the 20% darker color. If you saturate the color by 10%, you get **399EC1**, and if you desaturate by 10%, it is **5FA8C1**.

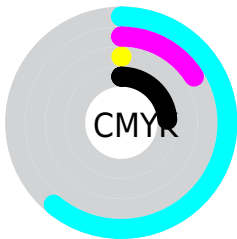
Distribution



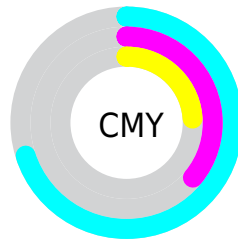
- Red (30%)
- Green (64%)
- Blue (76%)



- Red (30%)
- Yellow (49%)
- Blue (76%)



- Cyan (61%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CA3C1 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 4CA3C1 by changing the saturation by 10% instead.

■ 4CA3C1

■ 4CA3C1

FFFFFF

■ 2A89A6

■ 87DAFA

■ 006F8B

■ A4F7FF

■ 005772

■ C1FFFF

■ 003F59

■ DFFFFF

■ 002942

■ FDFFFF

■ 00142B

■ 000116

■ 000000

■ 4CA3C1

■ 4CA3C1

399EC1

5FA8C1

2599C1

73ADC1

1294C1

86B2C1

0090C1

99B7C1

ACBCC1

C0C1C1

D3C6C1

E6CBC1

FAD0C1

Harmonies

Analogous

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



44A6AC



4CA3C1



6E9DCB

Triad

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



4CA3C1



C7869F



959D69

Complementary

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



4CA3C1



C16A4C

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.



AF9565



4CA3C1



CC8685

Square

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



4CA3C1



B48BB7



C38C70



78A379

Rectangle

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



4CA3C1



8897CA



C38C70



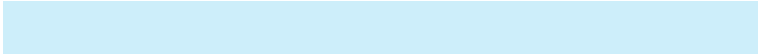
9F9B66

Sweetspot

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



4CA3C1



CDEEFA



4CC169



61767D



FCFCFC



7D7D7D

Same Dimension

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



4CA3C1



43CBFA



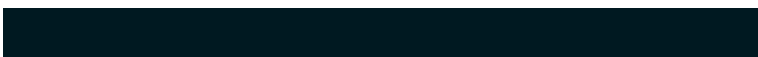
4C69C1



575E61



0077A1



001921

Inverse Universe

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



C14CA3



FA43CB



C1A44C



61575E



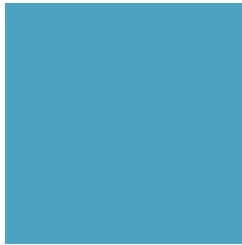
A10077



210019

Previews

White Background



This preview shows how the Hex color 4CA3C1 looks on a white background.

Color Contrast Check

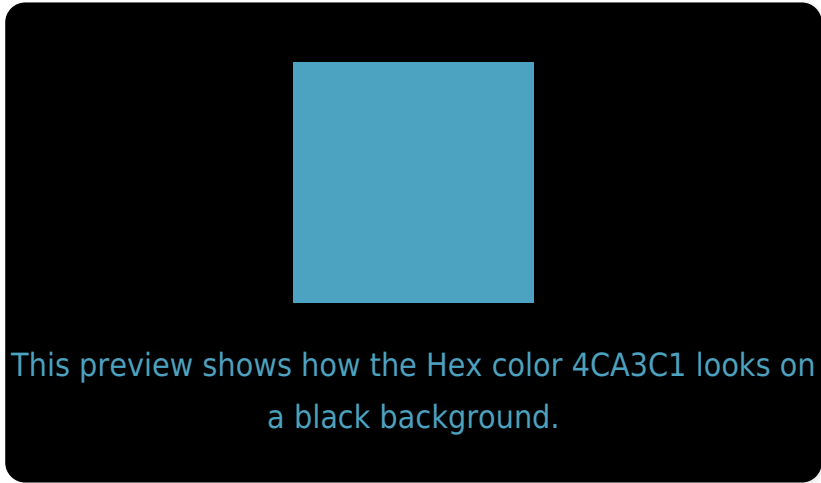
Large Text (above 18pt) WCAG AA × Fail

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

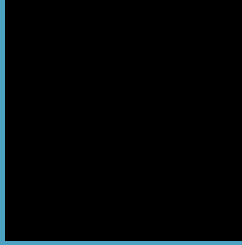
Any Text WCAG AA ✓ Pass

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 4CA3C1 Background



This preview shows how black text looks on a background with the Hex color 4CA3C1.



This preview shows how white text looks on a background with the Hex color 4CA3C1.

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](#).

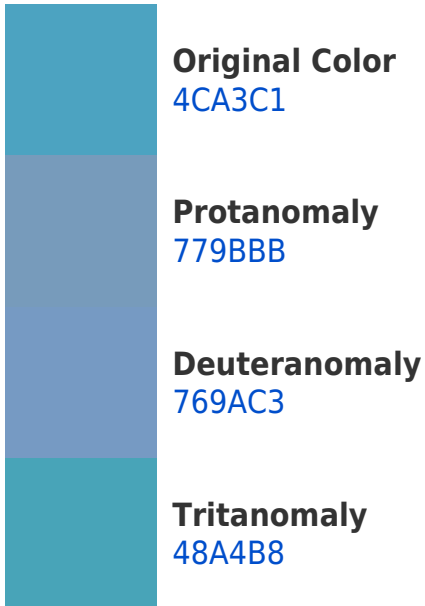
Dichromacy



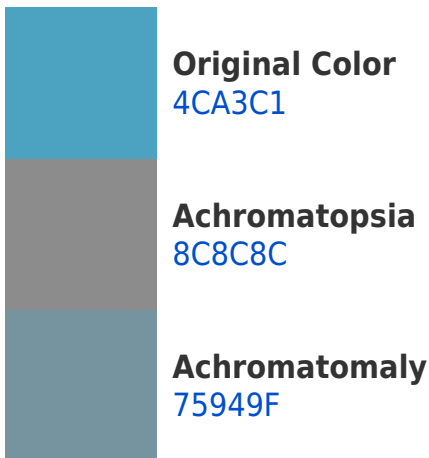


Tritanopia
46A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CA3C1 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 #4CA3C1 looks like.

```
.text, #text, p{  
    color:#4CA3C1  
}
```

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 #4CA3C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CA3C1
}
```

Border

The CSS property to change the border of an element to Hex 4CA3C1 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
#4CA3C1 }
```

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

```
.border{ border-color:#4CA3C1 }
```

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

Here you see how a box with a 4 pixel #4CA3C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CA3C1; -webkit-box-shadow:4px 4px  
4px 4px #4CA3C1; box-shadow:4px 4px 4px  
4px #4CA3C1 }
```

Background

The CSS property to change the background color of an element to Hex 4CA3C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CA3C1 }
```

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

```
.background{ background-color:#4CA3C1 }
```

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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