

Converting Colors

Hex(4CB0C3)

Have a look what the booklet for
Hex(4CB0C3) contains.

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Color

Hex(4CB0C3)

Conversions

Conversions Part 1

Format	Color
Hex	4CB0C3
RGB	76, 176, 195
RGB Percent	30%, 69%, 76%
CMY	0.7020, 0.3098, 0.2353
CMYK	0.61, 0.10, 0.00, 0.24
HSL	190°, 50%, 53%
HSV	190°, 61%, 76%
XYZ	28.3562, 36.5273, 57.1857
YIQ	148.2660, -65.6990, -15.2910

Conversions

Conversions Part 2

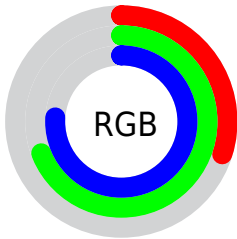
Format	Color
R _{YB}	76, 130, 195
Decimal	5025987
CIE Lab	66.92, -23.32, -18.40
CIE LCh	67, 29.703, 218.269
Yxy	36.5273, 0.2323, 0.2992
Android (android.graphics.Color)	4283216067 (0xFF4CB0C3)
YUV	148.2660, 23.0399, -63.3773
Hunter-Lab	60.4378, -22.0177, -13.7932

Details

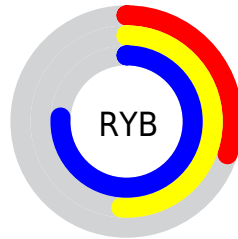
The Hex color **4CB0C3** is a light color, and the websafe version is hex **339999**. The color can be described as light muted azure. A complement of this color would be **C35F4C**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **88E8FC**, and **007B8D** is the 20% darker color. If you saturate the color by 10%, you get **39ADC3**, and if you desaturate by 10%, it is **60B3C3**.

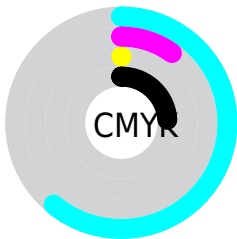
Distribution



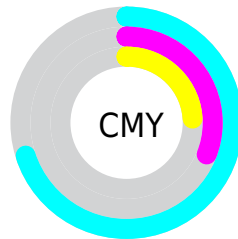
- Red (30%)
- Green (69%)
- Blue (76%)



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



- Cyan (61%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (70%)
- Magenta (31%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB0C3 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 4CB0C3 by changing the saturation by 10% instead.

 4CB0C3

 4CB0C3

FFFFFF

 2995A8

 88E8FC

 007B8D

 A5FFFF

 006274

 C3FFFF

 004A5B

 E0FFFF

 003344

 001F2D

 000119

 000000

 4CB0C3

 4CB0C3

39ADC3

60B3C3

25AAC3

73B6C3

12A7C3

86B9C3

00A4C3

9ABCC3

AEC0C3

C1C3C3

D5C6C3

E8C9C3

FCCCC3

Harmonies

Analogous

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



55B2AA



4CB0C3



64ABD4

Triad

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



4CB0C3



CB92B7



AEA46E

Complementary

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



4CB0C3



C35F4C

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.



C69A72



4CB0C3



D88F9C

Square

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



4CB0C3



B099CD



D59283



91AB78

Rectangle

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



4CB0C3



7DA6D8



D59283



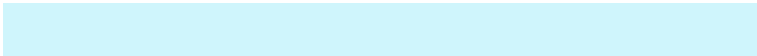
B7A16D

Sweetspot

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



4CB0C3



CFF5FC



4CC35E



637B80



000000



808080

Same Dimension

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



4CB0C3



44DFFC



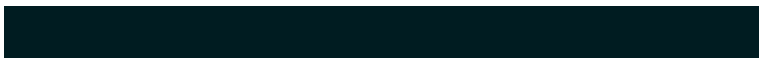
4C76C3



575F61



0087A1



001C21

Inverse Universe

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



C34CB0



FC44DF



C3994C



61575F



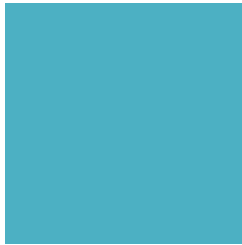
A10087



21001C

Previews

White Background



This preview shows how the Hex color 4CB0C3 looks on a white background.

Color Contrast Check

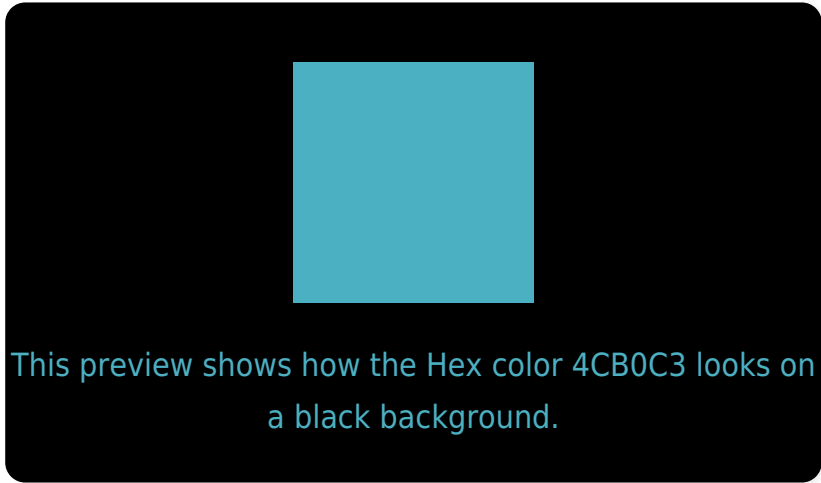
Large Text (above 18pt) WCAG AA × Fail

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

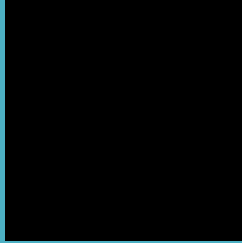
Any Text WCAG AA ✓ Pass

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 4CB0C3 Background



This preview shows how black text looks on a background with the Hex color 4CB0C3.

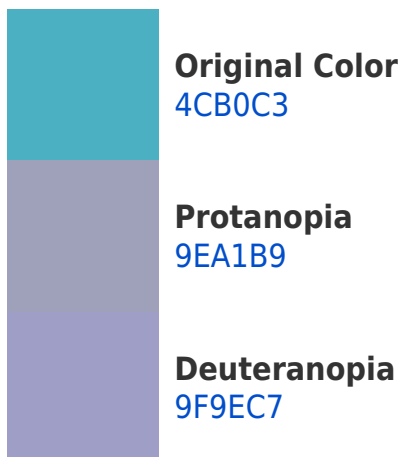


This preview shows how white text looks on a background with the Hex color 4CB0C3.

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](#).

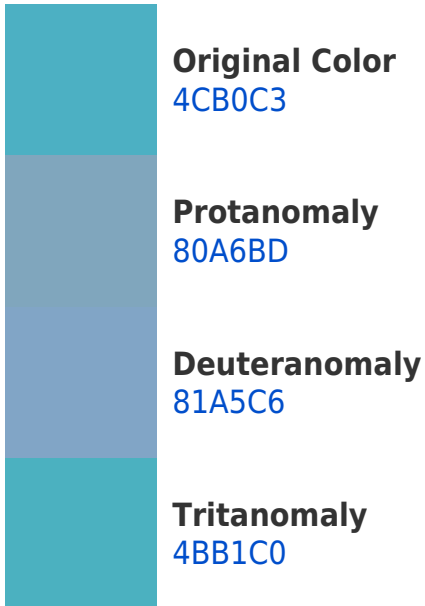
Dichromacy



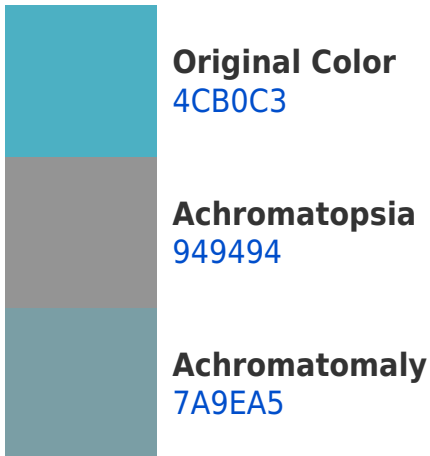


Tritanopia
4AB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB0C3 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 #4CB0C3 looks like.

```
.text, #text, p{  
    color:#4CB0C3  
}
```

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 #4CB0C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB0C3
}
```

Border

The CSS property to change the border of an element to Hex 4CB0C3 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
#4CB0C3 }
```

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

```
.border{ border-color:#4CB0C3 }
```

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

Here you see how a box with a 4 pixel #4CB0C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB0C3; -webkit-box-shadow:4px 4px  
4px 4px #4CB0C3; box-shadow:4px 4px 4px  
4px #4CB0C3 }
```

Background

The CSS property to change the background color of an element to Hex 4CB0C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB0C3 }
```

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

```
.background{ background-color:#4CB0C3 }
```

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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