

Converting Colors

Hex(4CB4B0)

Have a look what the booklet for
Hex(4CB4B0) contains.

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Color

Hex(4CB4B0)

Conversions

Conversions Part 1

Format	Color
Hex	4CB4B0
RGB	76, 180, 176
RGB Percent	30%, 71%, 69%
CMY	0.7020, 0.2941, 0.3098
CMYK	0.58, 0.00, 0.02, 0.29
HSL	178°, 41%, 50%
HSV	178°, 58%, 71%
XYZ	27.1382, 37.3136, 46.8462
YIQ	148.4480, -60.7000, -23.2920

Conversions

Conversions Part 2

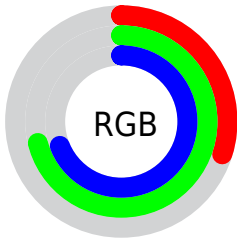
Format	Color
RYB	76, 129, 180
Decimal	5026992
CIELab	67.51, -30.72, -7.00
CIElCh	68, 31.508, 192.836
Yxy	37.3136, 0.2438, 0.3353
Android (android.graphics.Color)	4283217072 (0xFF4CB4B0)
YUV	148.4480, 13.5831, -63.5369
Hunter-Lab	61.0849, -27.5962, -2.7103

Details

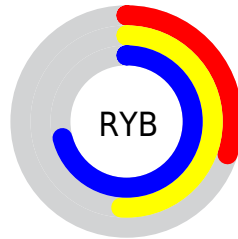
The Hex color **4CB4B0** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B44C50**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **87ECE8**, and **007F7C** is the 20% darker color. If you saturate the color by 10%, you get **3AB4AF**, and if you desaturate by 10%, it is **5EB4B1**.

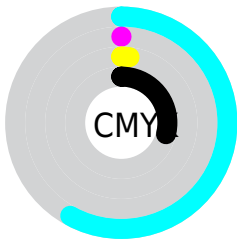
Distribution



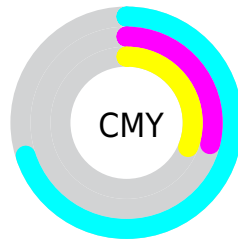
- Red (30%)
- Green (71%)
- Blue (69%)



- Red (30%)
- Yellow (51%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (2%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4CB4B0 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 4CB4B0 by changing the saturation by 10% instead.

 4CB4B0

 4CB4B0

FFFFFF

 2B9995

 87ECE8

 007F7C

 A4FFFF

 006563

 C1FFFF

 004D4B

 DFFFFF

 003534

 FCFFFF

 00221F

 000007

 000000

 4CB4B0

 4CB4B0

3AB4AF

5EB4B1

28B4AF

70B4B1

16B4AE

82B4B2

04B4AD

94B4B3

00B4AD

A6B4B3

B8B4B4

CAB4B5

DCB4B6

EEB4B6

Harmonies

Analogous

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



6AB393



4CB4B0



46B2CA

Triad

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



4CB4B0



B899CE



C69D6F

Complementary

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



4CB4B0



B44C50

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.



D8947F



4CB4B0



D291B6

Square

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



4CB4B0



91A3DB



DD8F99



ACA76D

Rectangle

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



4CB4B0



58AED6



DD8F99



CD9A73

Sweetspot

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



4CB4B0



C3EBE9



51B44C



5E7574



F5F5F5



757575

Same Dimension

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



4CB4B0



49EBE4



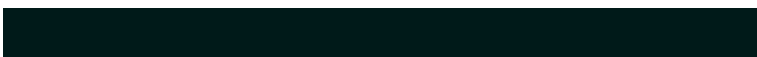
4C85B4



505959



009993



001A19

Inverse Universe

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



B44C50



EB494F



B47B4C



595051



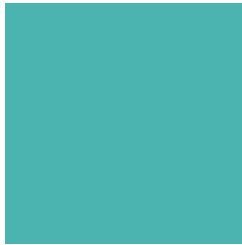
990006



1A0001

Previews

White Background



This preview shows how the Hex color 4CB4B0 looks on a white background.

Color Contrast Check

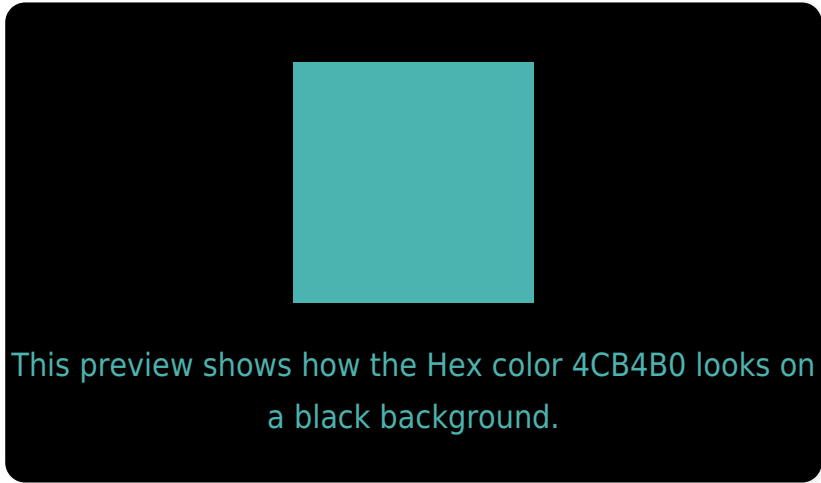
Large Text (above 18pt) WCAG AA × Fail

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

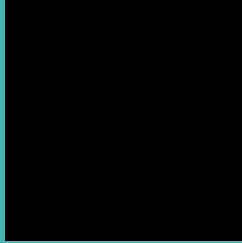
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

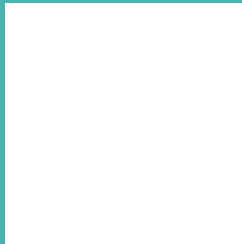
Any Text WCAG AAA ✓ Pass

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

Hex 4CB4B0 Background



This preview shows how black text looks on a background with the Hex color 4CB4B0.

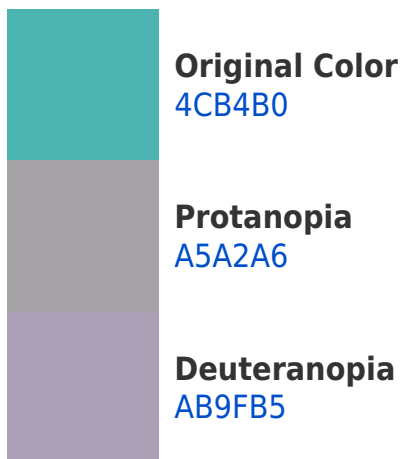


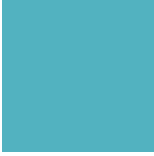
This preview shows how white text looks on a background with the Hex color 4CB4B0.

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
52B2C0

Trichromacy



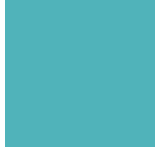
Original Color
4CB4B0



Protanomaly
85A9AA



Deuteranomaly
88A7B3



Tritanomaly
50B3BA

Monochromacy



Original Color
4CB4B0



Achromatopsia
949494



Achromatomaly
7AA09E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4CB4B0 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 #4CB4B0 looks like.

```
.text, #text, p{  
    color:#4CB4B0  
}
```

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 #4CB4B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB4B0
}
```

Border

The CSS property to change the border of an element to Hex 4CB4B0 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
#4CB4B0 }
```

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

```
.border{ border-color:#4CB4B0 }
```

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

Here you see how a box with a 4 pixel #4CB4B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB4B0; -webkit-box-shadow:4px 4px  
4px 4px #4CB4B0; box-shadow:4px 4px 4px  
4px #4CB4B0 }
```

Background

The CSS property to change the background color of an element to Hex 4CB4B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB4B0 }
```

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

```
.background{ background-color:#4CB4B0 }
```

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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