

# Converting Colors

Hex(4CB6B0)

Have a look what the booklet for  
Hex(4CB6B0) contains.

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**Color**

**Hex(4CB6B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CB6B0
RGB	76, 182, 176
RGB Percent	30%, 71%, 69%
CMY	0.7020, 0.2863, 0.3098
CMYK	0.58, 0.00, 0.03, 0.29
HSL	177°, 42%, 51%
HSV	177°, 58%, 71%
XYZ	27.5449, 38.1270, 46.9818
YIQ	149.6220, -61.2500, -24.3380

# Conversions

## Conversions Part 2

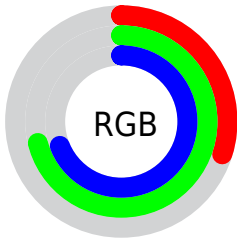
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 131, 182
Decimal	5027504
CIELab	68.11, -31.68, -6.11
CIElCh	68, 32.264, 190.910
Yxy	38.1270, 0.2445, 0.3384
Android (android.graphics.Color)	4283217584 (0xFF4CB6B0)
YUV	149.6220, 13.0044, -64.5665
Hunter-Lab	61.7471, -28.4298, -1.8893

# Details

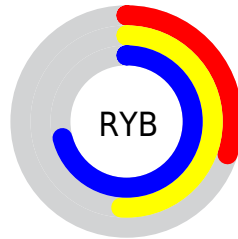
The Hex color **4CB6B0** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B64C52**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **87EEE8**, and **00817C** is the 20% darker color. If you saturate the color by 10%, you get **3AB6AF**, and if you desaturate by 10%, it is **5EB6B1**.

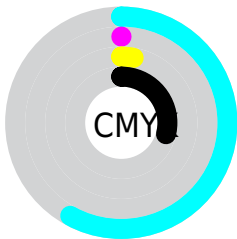
# Distribution



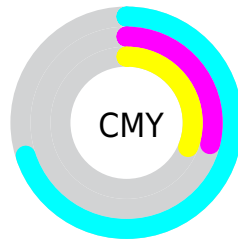
- Red (30%)
- Green (71%)
- Blue (69%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CB6B0 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 4CB6B0 by changing the saturation by 10% instead.



 4CB6B0

 4CB6B0

FFFFFF

 2A9B95

 87EEE8

 00817C

 A4FFFF

 006763

 C1FFFF

 004E4B

 DFFFFF

 003734

 FDFFFF

 00231F

 000007

 000000

 4CB6B0

 4CB6B0

3AB6AF

5EB6B1

28B6AE

70B6B2

15B6AD

83B6B3

03B6AC

95B6B4

00B6AC

A7B6B5

B9B6B6

CBB6B7

DEB6B8

F0B6B9

# Harmonies

## Analogous

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



6CB492



4CB6B0



43B4CB

# Triad

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



4CB6B0



B79BD2



CA9E6F

# Complementary

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



4CB6B0



B64C52

# 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.



DC9581



4CB6B0



D392BA

# Square

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



4CB6B0



8FA5DF



E0909C



AFA86C

# Rectangle

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



4CB6B0



54B1D8



E0909C



D19B74

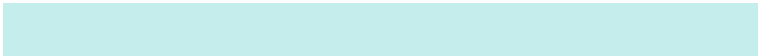


# Sweetspot

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



4CB6B0



C5EDEB



53B64C



607876



F7F7F7



787878



# Same Dimension

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



4CB6B0



47EDE4



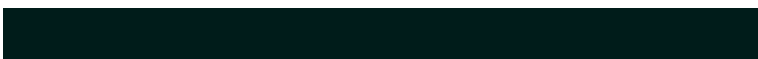
4C88B6



535C5B



009C93



001C1A



# Inverse Universe

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



B64C52



ED4751



B67A4C



5C5353



9C0009

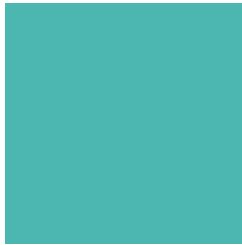


1C0002



# Previews

## White Background



This preview shows how the Hex color 4CB6B0 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 4CB6B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

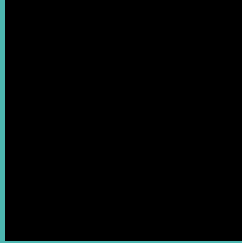
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

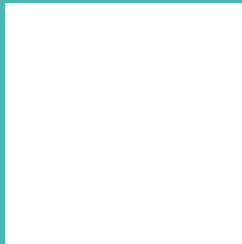
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4CB6B0 Background



This preview shows how black text looks on a background with the Hex color 4CB6B0.

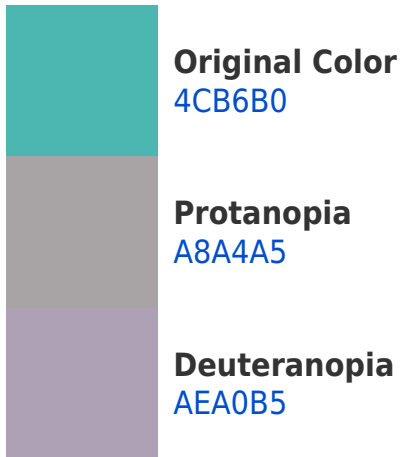


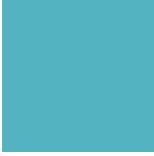
This preview shows how white text looks on a background with the Hex color 4CB6B0.

# 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](#).

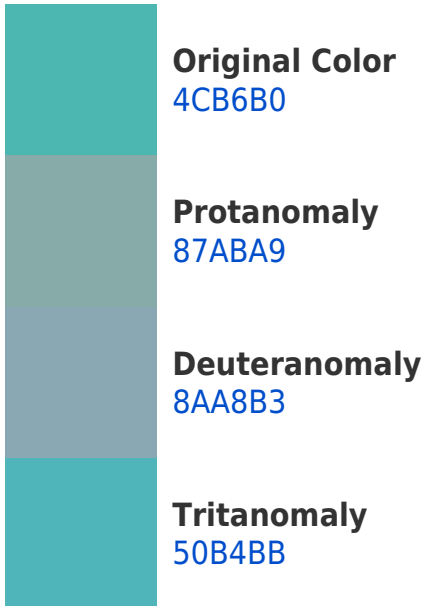
## Dichromacy



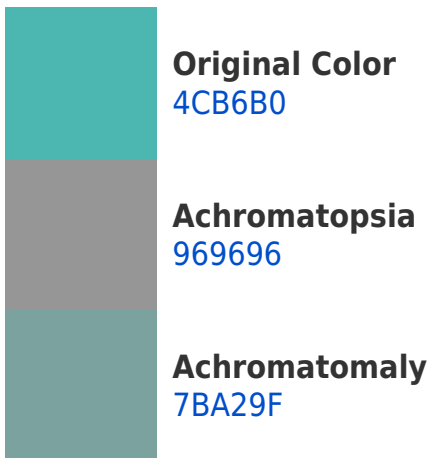


**Tritanopia**  
53B3C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CB6B0 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 #4CB6B0 looks like.

```
.text, #text, p{  
    color:#4CB6B0  
}
```

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 #4CB6B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB6B0
}
```

## Border

The CSS property to change the border of an element to Hex 4CB6B0 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
#4CB6B0 }
```

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

```
.border{ border-color:#4CB6B0 }
```

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

Here you see how a box with a 4 pixel #4CB6B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB6B0; -webkit-box-shadow:4px 4px  
4px 4px #4CB6B0; box-shadow:4px 4px 4px  
4px #4CB6B0 }
```

# Background

The CSS property to change the background color of an element to Hex 4CB6B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB6B0 }
```

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

```
.background{ background-color:#4CB6B0 }
```

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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