

# Converting Colors

Hex(4CB5A1)

Have a look what the booklet for  
Hex(4CB5A1) contains.

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# Color

**Hex(4CB5A1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CB5A1
RGB	76, 181, 161
RGB Percent	30%, 71%, 63%
CMY	0.7020, 0.2902, 0.3686
CMYK	0.58, 0.00, 0.11, 0.29
HSL	169°, 42%, 50%
HSV	169°, 58%, 71%
XYZ	25.9374, 37.1575, 39.5233
YIQ	147.3250, -56.1600, -28.4800

# Conversions

## Conversions Part 2

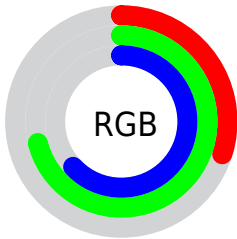
Format	Color
<b>RYB</b>	76, 134, 181
Decimal	5027233
CIELab	67.39, -35.15, 1.12
CIElCh	67, 35.165, 178.181
Yxy	37.1575, 0.2528, 0.3621
Android (android.graphics.Color)	4283217313 (0xFF4CB5A1)
YUV	147.3250, 6.7418, -62.5520
Hunter-Lab	60.9569, -30.7222, 4.2274

# Details

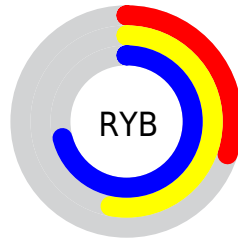
The Hex color **4CB5A1** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B54C60**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **86EDD8**, and **007F6E** is the 20% darker color. If you saturate the color by 10%, you get **3AB59E**, and if you desaturate by 10%, it is **5EB5A4**.

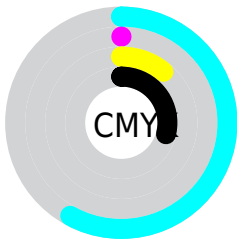
# Distribution



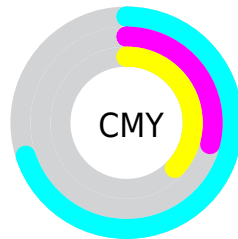
- Red (30%)
- Green (71%)
- Blue (63%)



- Red (30%)
- Yellow (53%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (11%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CB5A1 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 4CB5A1 by changing the saturation by 10% instead.





4CB5A1



4CB5A1

FFFFFF



2C9A87



86EDD8



007F6E



A3FFF4



006655



C0FFFF



004D3E



DDFFFF



003628



FBFFFF



002214



000000



4CB5A1



4CB5A1



3AB59E



5EB5A4

 28B59A

 70B5A8

 16B597

 82B5AB

 04B593

 94B5AF

 00B593

 A7B5B2

 B9B5B6

 CBB5B9

 DDB5BD

 EFB5C0

# Harmonies

## Analogous

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



75B282



4CB5A1



29B4C1

# Triad

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



4CB5A1



A59DDC



D4976F

# Complementary

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



4CB5A1



B54C60

# 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.



E18E88



4CB5A1



CA92C6

# Square

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



4CB5A1



74A8E3



DF8CA7



BBA264

# Rectangle

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



4CB5A1



31B2D2



DF8CA7



DA9376



# Sweetspot

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



4CB5A1



C3EBE3



61B54C



5E7571



F5F5F5



757575



# Same Dimension

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



4CB5A1



46EBCB



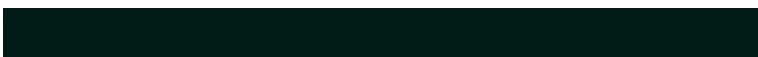
4C95B5



505958



00997C



001A15



# Inverse Universe

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



B54C60



EB4666



B56C4C



595052



99001D

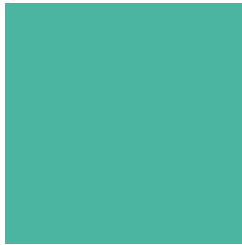


1A0005



# Previews

## White Background



This preview shows how the Hex color 4CB5A1 looks on a white background.

## Color Contrast Check

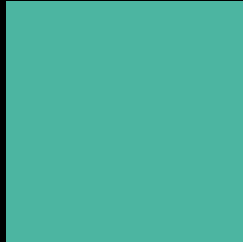
Large Text (above 18pt) WCAG AA × Fail

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 4CB5A1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

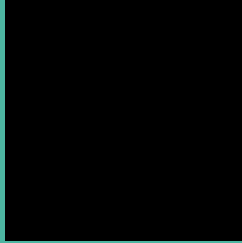
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CB5A1 Background



This preview shows how black text looks on a background with the Hex color 4CB5A1.

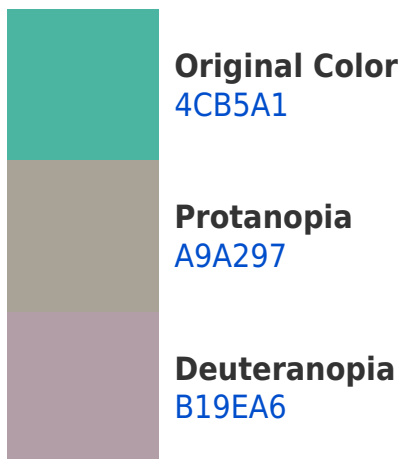


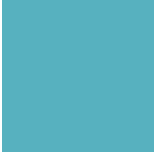
This preview shows how white text looks on a background with the Hex color 4CB5A1.

# 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](#).

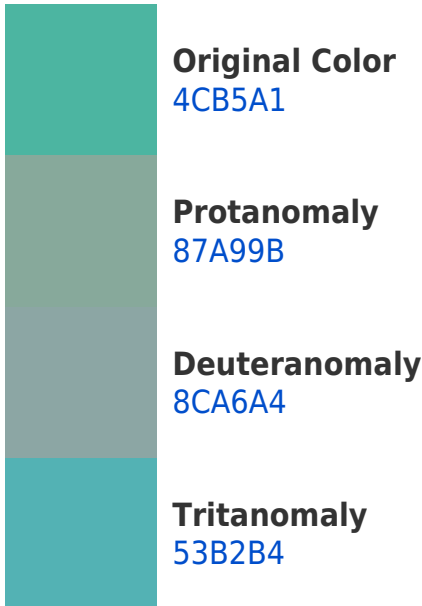
## Dichromacy





**Tritanopia**  
57B1BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CB5A1 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 #4CB5A1 looks like.

```
.text, #text, p{  
    color:#4CB5A1  
}
```

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 #4CB5A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB5A1
}
```

## Border

The CSS property to change the border of an element to Hex 4CB5A1 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
#4CB5A1 }
```

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

```
.border{ border-color:#4CB5A1 }
```

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

Here you see how a box with a 4 pixel #4CB5A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB5A1; -webkit-box-shadow:4px 4px  
4px 4px #4CB5A1; box-shadow:4px 4px 4px  
4px #4CB5A1 }
```

# Background

The CSS property to change the background color of an element to Hex 4CB5A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB5A1 }
```

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

```
.background{ background-color:#4CB5A1 }
```

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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