

# Converting Colors

Hex(4CB59E)

Have a look what the booklet for  
Hex(4CB59E) contains.

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# Color

Hex(4CB59E)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CB59E
RGB	76, 181, 158
RGB Percent	30%, 71%, 62%
CMY	0.7020, 0.2902, 0.3804
CMYK	0.58, 0.00, 0.13, 0.29
HSL	167°, 42%, 50%
HSV	167°, 58%, 71%
XYZ	25.6759, 37.0529, 38.1464
YIQ	146.9830, -55.1970, -29.4130

# Conversions

## Conversions Part 2

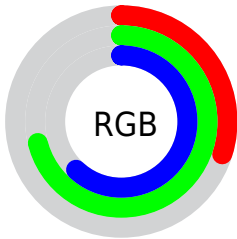
Format	Color
<a href="#">RYB</a>	<a href="#">76, 135, 181</a>
Decimal	<a href="#">5027230</a>
CIELab	<a href="#">67.32, -35.90, 2.66</a>
CIElCh	<a href="#">67, 36.001, 175.767</a>
Yxy	<a href="#">37.0529, 0.2545, 0.3673</a>
Android (android.graphics.Color)	<a href="#">4283217310 (0xFF4CB59E)</a>
YUV	<a href="#">146.9830, 5.4314, -62.2521</a>
Hunter-Lab	<a href="#">60.8711, -31.2316, 5.4542</a>

# Details

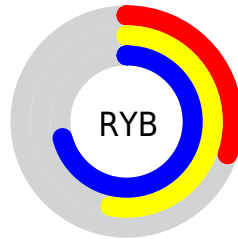
The Hex color **4CB59E** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B54C63**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **86EDD5**, and **007F6B** is the 20% darker color. If you saturate the color by 10%, you get **3AB59A**, and if you desaturate by 10%, it is **5EB5A2**.

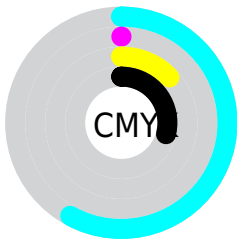
# Distribution



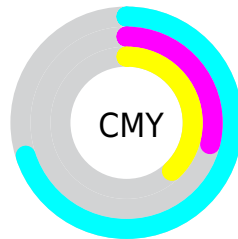
- Red (30%)
- Green (71%)
- Blue (62%)



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



- Cyan (58%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CB59E 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 4CB59E by changing the saturation by 10% instead.



 4CB59E

 4CB59E

FFFFFF

 2C9A84

 86EDD5

 007F6B

 A3FFF1

 006653

 C0FFFF

 004D3C

 DDDFFF

 003526

 FBFFFF

 002111

 000000

 4CB59E

 4CB59E

 3AB59A

 5EB5A2

 28B596

 70B5A6

 16B592

 82B5AA

 04B58E

 94B5AE

 00B58D

 A7B5B2

 B9B5B6

 CBB5BA

 DDB5BE

 EFB5C2

# Harmonies

## Analogous

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



77B27E



4CB59E



21B5BF

# Triad

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



4CB59E



A19DDE



D6956F

# Complementary

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



4CB59E



B54C63

# 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.



E38D89



4CB59E



C892C9

# Square

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



4CB59E



6DA8E4



DF8BAA



BEA063

# Rectangle

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



4CB59E



25B3D1



DF8BAA



DC9277



# Sweetspot

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



4CB59E



C3EBE2



65B54C



5E7570



F5F5F5



757575



# Same Dimension

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



4CB59E



46EBC7



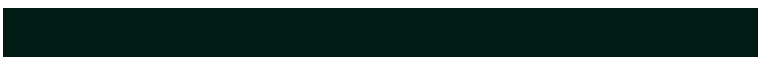
4C99B5



505957



009977



001A14



# Inverse Universe

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



B54C63



EB466A



B5684C



595052



990022

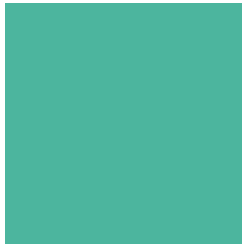


1A0006



# Previews

## White Background



This preview shows how the Hex color 4CB59E looks on a white background.

## Color Contrast Check

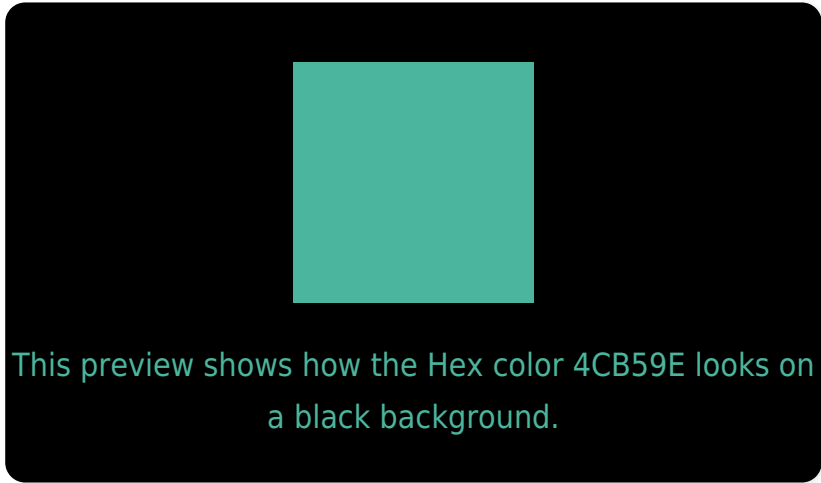
Large Text (above 18pt) WCAG AA × Fail

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

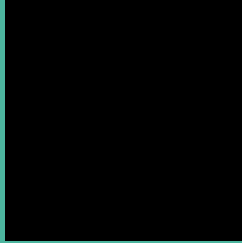
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CB59E Background



This preview shows how black text looks on a background with the Hex color 4CB59E.



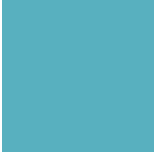
This preview shows how white text looks on a background with the Hex color 4CB59E.

# 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**  
58B0BF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CB59E 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 #4CB59E looks like.

```
.text, #text, p{  
    color:#4CB59E  
}
```

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 #4CB59E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CB59E
}
```

## Border

The CSS property to change the border of an element to Hex 4CB59E 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
#4CB59E }
```

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

```
.border{ border-color:#4CB59E }
```

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

Here you see how a box with a 4 pixel #4CB59E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CB59E; -webkit-box-shadow:4px 4px  
4px 4px #4CB59E; box-shadow:4px 4px 4px  
4px #4CB59E }
```

# Background

The CSS property to change the background color of an element to Hex 4CB59E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CB59E }
```

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

```
.background{ background-color:#4CB59E }
```

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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