

# Converting Colors

Hex(4EC19D)

Have a look what the booklet for  
Hex(4EC19D) contains.

<b>Hex(4EC19D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(4EC19D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EC19D
RGB	78, 193, 157
RGB Percent	31%, 76%, 62%
CMY	0.6941, 0.2431, 0.3843
CMYK	0.60, 0.00, 0.19, 0.24
HSL	161°, 48%, 53%
HSV	161°, 60%, 76%
XYZ	28.2977, 42.1940, 38.5511
YIQ	154.5110, -56.9840, -35.5760

# Conversions

## Conversions Part 2

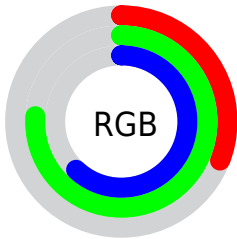
Format	Color
<a href="#">RYB</a>	<a href="#">78, 146, 193</a>
Decimal	<a href="#">5161373</a>
CIELab	<a href="#">71.00, -41.15, 8.52</a>
CIElCh	<a href="#">71, 42.024, 168.304</a>
Yxy	<a href="#">42.1940, 0.2595, 0.3869</a>
Android (android.graphics.Color)	<a href="#">4283351453 (0xFF4EC19D)</a>
YUV	<a href="#">154.5110, 1.2271, -67.1001</a>
Hunter-Lab	<a href="#">64.9569, -35.9132, 10.2819</a>

# Details

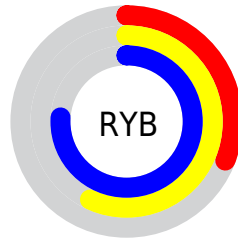
The Hex color **4EC19D** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C14E72**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **89FAD4**, and **008B6A** is the 20% darker color. If you saturate the color by 10%, you get **3BC197**, and if you desaturate by 10%, it is **61C1A3**.

# Distribution



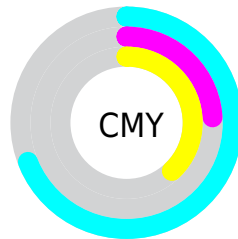
- Red (31%)
- Green (76%)
- Blue (62%)



- Red (31%)
- Yellow (57%)
- Blue (76%)



- Cyan (60%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EC19D 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 4EC19D by changing the saturation by 10% instead.



 4EC19D

 4EC19D

FFFFFF

 2DA583

 89FAD4

 008B6A

 A6FFF0

 007152

 C3FFFF

 00573B

 E1FFFF

 003F25

 002910

 000700

 000000

 4EC19D

 4EC19D

 3BC197

 61C1A3

 27C191

 75C1A9

 14C18B

 88C1AF

 01C185

 9BC1B5

 00C185

 AFC1BB

 C2C1C1

 D5C1C7

 E8C1CD

 FCC1D3

# Harmonies

## Analogous

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



83BC79



4EC19D



00C2C5

# Triad

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



4EC19D



9BA9F6



ED9976

# Complementary

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



4EC19D



C14E72

# 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.



F89098



4EC19D



CF9BE1

# Square

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



4EC19D



55B6F8



EE91BE



D3A662

# Rectangle

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



4EC19D



00C0DC



EE91BE



F39580



# Sweetspot

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



4EC19D



CDFAE C



72C14E



617D74



FCFCFC



7D7D7D



# Same Dimension

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



4EC19D



46FAC2



4EACC1



57615E



00A16E



002117



# Inverse Universe

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



C14E72



FA467E



C1634E



61575A



A10032

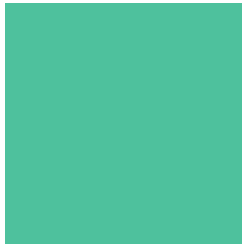


21000A



# Previews

## White Background



This preview shows how the Hex color 4EC19D looks on a white background.

## Color Contrast Check

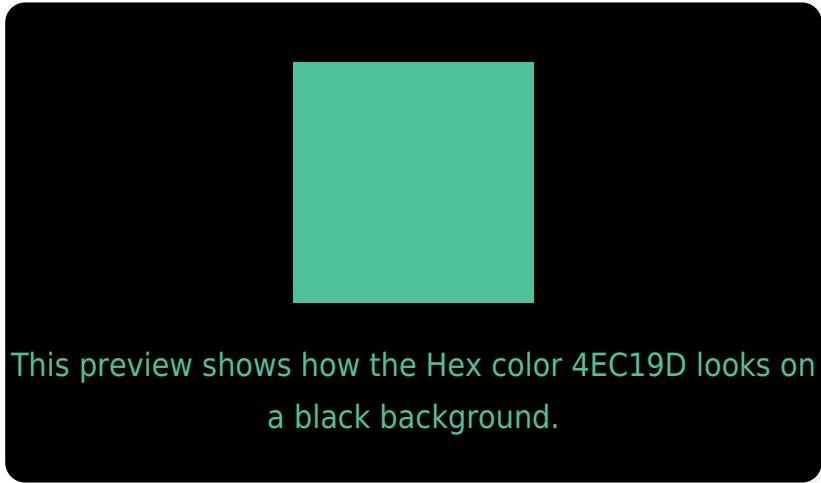
Large Text (above 18pt) WCAG AA × Fail

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

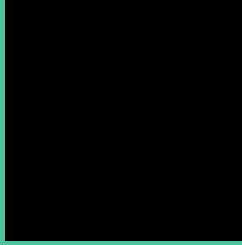
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

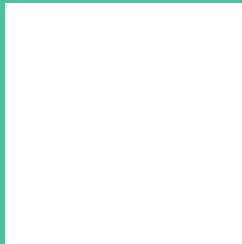
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4EC19D Background



This preview shows how black text looks on a background with the Hex color 4EC19D.



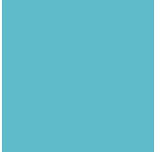
This preview shows how white text looks on a background with the Hex color 4EC19D.

# Color Blindness Simulation

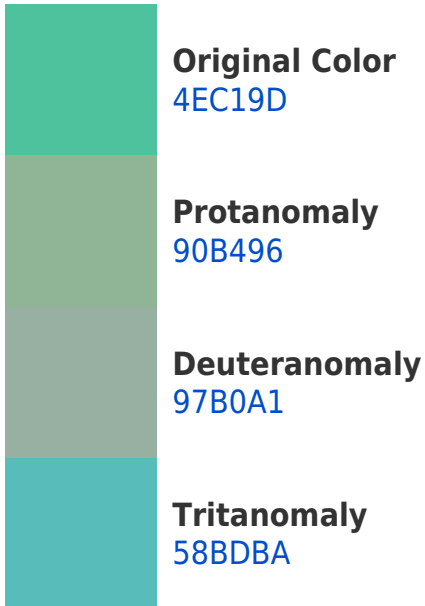
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

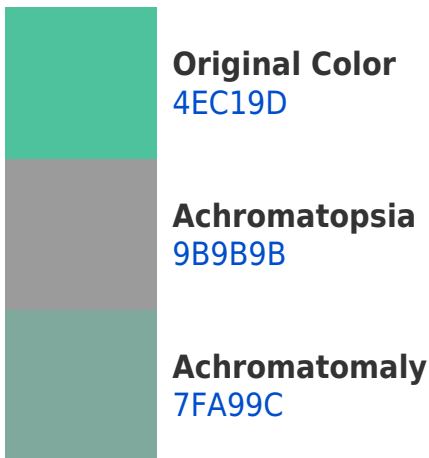




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EC19D 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 #4EC19D looks like.

```
.text, #text, p{  
    color:#4EC19D  
}
```

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 #4EC19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC19D
}
```

## Border

The CSS property to change the border of an element to Hex 4EC19D 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
#4EC19D }
```

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

```
.border{ border-color:#4EC19D }
```

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

Here you see how a box with a 4 pixel #4EC19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC19D; -webkit-box-shadow:4px 4px  
4px 4px #4EC19D; box-shadow:4px 4px 4px  
4px #4EC19D }
```

# Background

The CSS property to change the background color of an element to Hex 4EC19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC19D }
```

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

```
.background{ background-color:#4EC19D }
```

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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