

# Converting Colors

Hex(4EC38D)

Have a look what the booklet for  
Hex(4EC38D) contains.

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**Color**

**Hex(4EC38D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4EC38D
RGB	78, 195, 141
RGB Percent	31%, 76%, 55%
CMY	0.6941, 0.2353, 0.4471
CMYK	0.60, 0.00, 0.28, 0.24
HSL	152°, 49%, 54%
HSV	152°, 60%, 76%
XYZ	27.4647, 42.5730, 31.9692
YIQ	153.8610, -52.3980, -41.5980

# Conversions

## Conversions Part 2

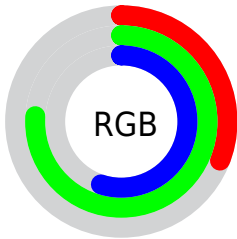
Format	Color
<a href="#">RYB</a>	<a href="#">78, 154, 195</a>
Decimal	<a href="#">5161869</a>
CIELab	<a href="#">71.26, -45.58, 17.53</a>
CIELCh	<a href="#">71, 48.833, 158.967</a>
Yxy	<a href="#">42.5730, 0.2692, 0.4174</a>
Android (android.graphics.Color)	<a href="#">4283351949 (0xFF4EC38D)</a>
YUV	<a href="#">153.8610, -6.3405, -66.5301</a>
Hunter-Lab	<a href="#">65.2480, -39.0483, 16.6236</a>

# Details

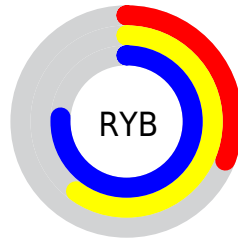
The Hex color **4EC38D** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **C34E84**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **89FCC3**, and **008C5B** is the 20% darker color. If you saturate the color by 10%, you get **3BC384**, and if you desaturate by 10%, it is **62C396**.

# Distribution



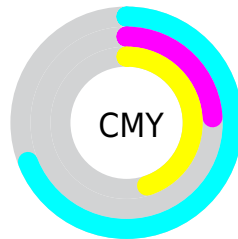
- Red (31%)
- Green (76%)
- Blue (55%)



- Red (31%)
- Yellow (60%)
- Blue (76%)



- Cyan (60%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)



- Cyan (69%)
- Magenta (24%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EC38D 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 4EC38D by changing the saturation by 10% instead.



 4EC38D

 4EC38D

FFFFFF

 2DA773

 89FCC3

 008C5B

 A6FFDF

 007243

 C3FFFB

 00592C

 E1FFFF

 004017

 002B00

 000900

 000000

 4EC38D

 4EC38D

 3BC384

 62C396

 27C37B

 75C39F

 13C372

 88C3A8

 00C369

 9CC3B1

 B0C3BA

 C3C3C3

 D7C3CC

 EAC3D5

 FEC3DE

# Harmonies

## Analogous

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



8DBC67



4EC38D



00C5BB

# Triad

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



4EC38D



7DAFFF



FD9179

# Complementary

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



4EC38D



C34E84

# 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.



FF89A3



4EC38D



C49EF4

# Square

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



4EC38D



00BCFF



F08FCF



E3A15B

# Rectangle

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



4EC38D



00C5D8



F08FCF



FF8E86

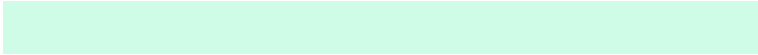


# Sweetspot

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



4EC38D



CFFCE7



85C34E



638073



000000



808080



# Same Dimension

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



4EC38D



47FCA9



4EBFC3



57615C



00A157



002112



# Inverse Universe

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



C34E84



FC479B



C3524E



61575C



A1004A

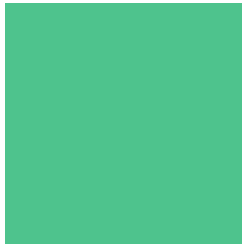


21000F



# Previews

## White Background



This preview shows how the Hex color 4EC38D looks on a white background.

## Color Contrast Check

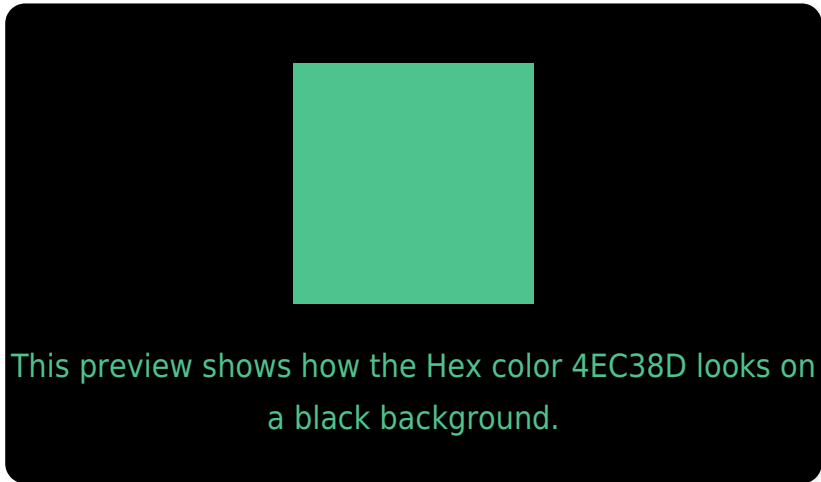
Large Text (above 18pt) WCAG AA × Fail

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

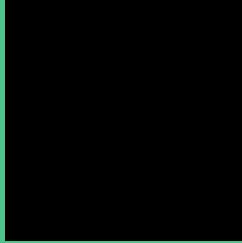
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EC38D Background



This preview shows how black text looks on a background with the Hex color 4EC38D.

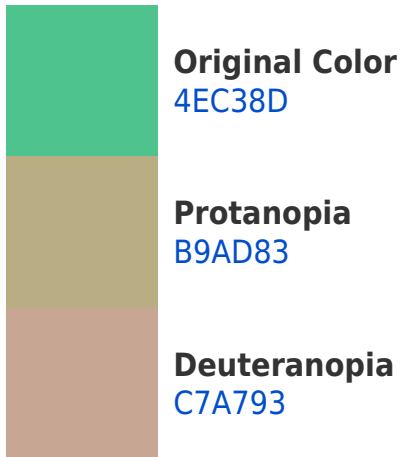


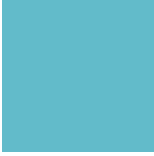
This preview shows how white text looks on a background with the Hex color 4EC38D.

# 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**  
62BBCA

# Trichromacy



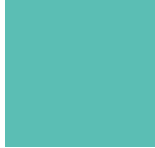
**Original Color**  
4EC38D



**Protanomaly**  
92B587



**Deuteranomaly**  
9BB191



**Tritanomaly**  
5BBEB4

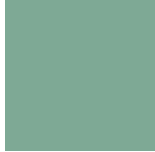
# Monochromacy



**Original Color**  
4EC38D



**Achromatopsia**  
9A9A9A



**Achromatomaly**  
7EA995

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EC38D 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 #4EC38D looks like.

```
.text, #text, p{  
    color:#4EC38D  
}
```

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 #4EC38D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EC38D
}
```

## Border

The CSS property to change the border of an element to Hex 4EC38D 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
#4EC38D }
```

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

```
.border{ border-color:#4EC38D }
```

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

Here you see how a box with a 4 pixel #4EC38D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EC38D; -webkit-box-shadow:4px 4px  
4px 4px #4EC38D; box-shadow:4px 4px 4px  
4px #4EC38D }
```

# Background

The CSS property to change the background color of an element to Hex 4EC38D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EC38D }
```

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

```
.background{ background-color:#4EC38D }
```

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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