

# Converting Colors

Hex(3EC78A)

Have a look what the booklet for  
Hex(3EC78A) contains.

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# Color

Hex(3EC78A)

# Conversions

## Conversions Part 1

Format	Color
Hex	3EC78A
RGB	62, 199, 138
RGB Percent	24%, 78%, 54%
CMY	0.7569, 0.2196, 0.4588
CMYK	0.69, 0.00, 0.31, 0.22
HSL	153°, 55%, 51%
HSV	153°, 69%, 78%
XYZ	26.9975, 43.7060, 31.0579
YIQ	151.0830, -62.0710, -48.0150

# Conversions

## Conversions Part 2

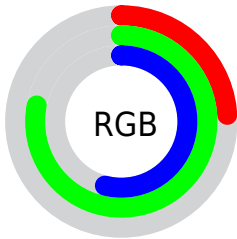
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 150, 199
Decimal	4114314
CIELab	72.03, -50.77, 20.12
CIELCh	72, 54.615, 158.378
Yxy	43.7060, 0.2653, 0.4295
Android (android.graphics.Color)	4282304394 (0xFF3EC78A)
YUV	151.0830, -6.4499, -78.1258
Hunter-Lab	66.1105, -42.7995, 18.4236

# Details

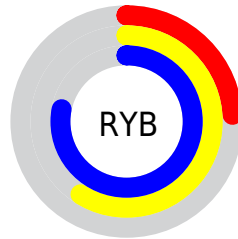
The Hex color **3EC78A** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C73E7B**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7DFFC0**, and **009058** is the 20% darker color. If you saturate the color by 10%, you get **2AC781**, and if you desaturate by 10%, it is **52C793**.

# Distribution



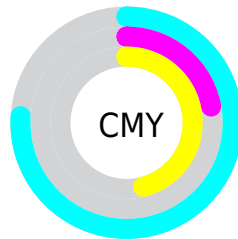
- Red (24%)
- Green (78%)
- Blue (54%)



- Red (24%)
- Yellow (59%)
- Blue (78%)



- Cyan (69%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (76%)
- Magenta (22%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EC78A 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 3EC78A by changing the saturation by 10% instead.





3EC78A



3EC78A

FFFFFF



0EAB70



7DFFC0



009058



9BFFDC



007540



B9FFF8



005C29



D7FFFF



004314



F5FFFF



002D00



000E00



000000



3EC78A



3EC78A

■ 2AC781

■ 52C793

■ 16C778

■ 66C79C

■ 02C76F

■ 7AC7A5

■ 00C76E

■ 8EC7AD

■ A2C7B6

■ B5C7BF

■ C9C7C8

■ DDC7D1

■ F1C7DA

# Harmonies

## Analogous

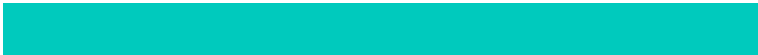
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8BBF5F



3EC78A



00CABD

# Triad

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



3EC78A



72B1FF



FF8F75

# Complementary

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



3EC78A



C73E7B

# 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.



FF86A4



3EC78A



C79EFF

# Square

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



3EC78A



00C0FF



F98CD6



EBA153

# Rectangle

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



3EC78A



00C9DE



F98CD6



FF8A84

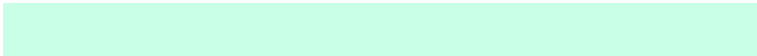


# Sweetspot

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



3EC78A



C9FFE7



7CC73E



608071



000000



808080



# Same Dimension

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



3EC78A



2BFFA1



3EC0C7



5A635F



00A35B



002414



# Inverse Universe

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



C73E7B



FF2B8A



C7453E



635A5E



A30049

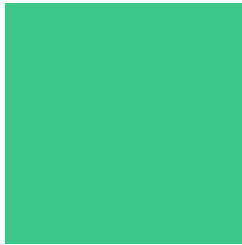


240010



# Previews

## White Background



This preview shows how the Hex color 3EC78A looks on a white background.

## Color Contrast Check

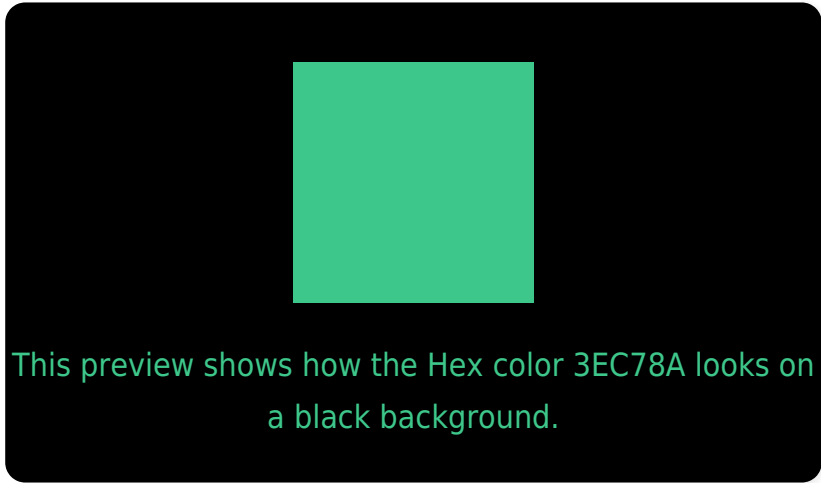
Large Text (above 18pt) WCAG AA × Fail

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

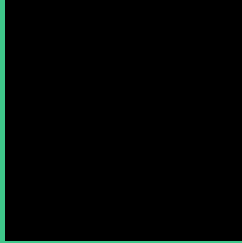
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3EC78A Background



This preview shows how black text looks on a background with the Hex color 3EC78A.

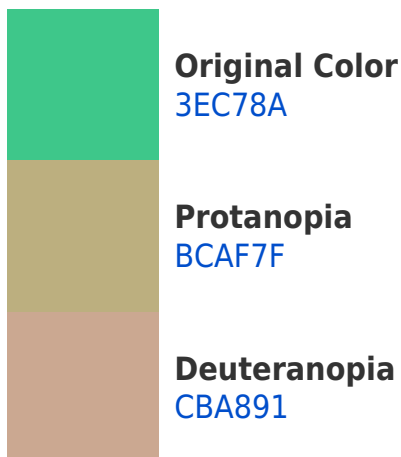


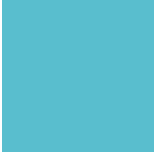
This preview shows how white text looks on a background with the Hex color 3EC78A.

# Color Blindness Simulation

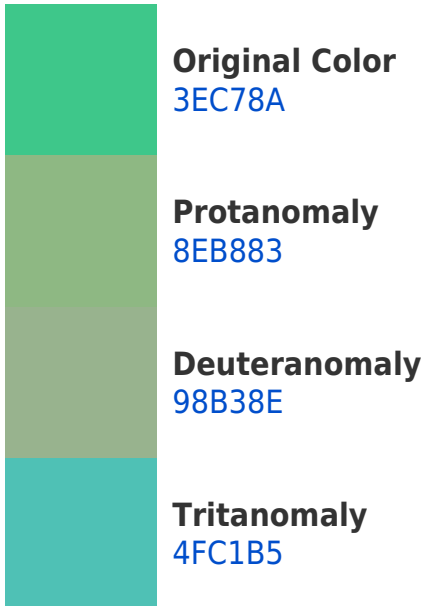
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EC78A 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 #3EC78A looks like.

```
.text, #text, p{  
    color:#3EC78A  
}
```

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 #3EC78A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EC78A
}
```

## Border

The CSS property to change the border of an element to Hex 3EC78A 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
#3EC78A }
```

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

```
.border{ border-color:#3EC78A }
```

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

Here you see how a box with a 4 pixel #3EC78A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EC78A; -webkit-box-shadow:4px 4px  
4px 4px #3EC78A; box-shadow:4px 4px 4px  
4px #3EC78A }
```

# Background

The CSS property to change the background color of an element to Hex 3EC78A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EC78A }
```

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

```
.background{ background-color:#3EC78A }
```

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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