

# Converting Colors

Hex(3EDE8B)

Have a look what the booklet for  
Hex(3EDE8B) contains.

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# Color

Hex(3EDE8B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3EDE8B
RGB	62, 222, 139
RGB Percent	24%, 87%, 55%
CMY	0.7569, 0.1294, 0.4549
CMYK	0.72, 0.00, 0.37, 0.13
HSL	149°, 71%, 56%
HSV	149°, 72%, 87%
XYZ	32.7681, 55.1308, 33.3403
YIQ	164.6980, -68.7170, -59.7330

# Conversions

## Conversions Part 2

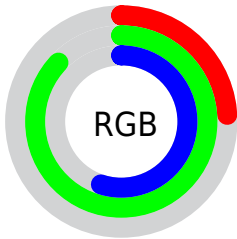
Format	Color
<a href="#">RYB</a>	<a href="#">62, 170, 222</a>
Decimal	<a href="#">4120203</a>
CIELab	<a href="#">79.12, -59.39, 29.19</a>
CIELCh	<a href="#">79, 66.175, 153.825</a>
Yxy	<a href="#">55.1308, 0.2703, 0.4547</a>
Android (android.graphics.Color)	<a href="#">4282310283 (0xFF3EDE8B)</a>
YUV	<a href="#">164.6980, -12.6691, -90.0661</a>
Hunter-Lab	<a href="#">74.2501, -51.1620, 25.3522</a>

# Details

The Hex color **3EDE8B** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **DE3E91**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **82FFC1**, and **00A658** is the 20% darker color. If you saturate the color by 10%, you get **28DE7F**, and if you desaturate by 10%, it is **54DE97**.

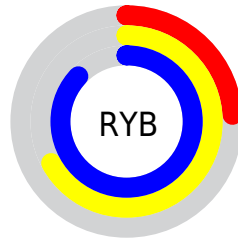
# Distribution



Red (24%)

Green (87%)

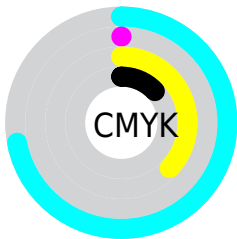
Blue (55%)



Red (24%)

Yellow (67%)

Blue (87%)

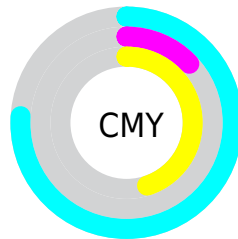


Cyan (72%)

Magenta (0%)

Yellow (37%)

Black (13%)



Cyan (76%)

Magenta (13%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3EDE8B 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 3EDE8B by changing the saturation by 10% instead.



 3EDE8B

 3EDE8B

FFFFFF

 00C171

 82FFC1

 00A658

 A1FFDD

 008A40

 BFFFFA

 007028

 DEFFFF

 005611

 FDFFFF

 003D00

 002600

 000000

 3EDE8B

 3EDE8B

 28DE7F

 54DE97

 12DE74

 6ADEA2

 00DE6B

 81DEAE

 97DEB9

 ADDEC5

 C3DED0

 D9DEDC

 F0DEE7

 FFDEF3

# Harmonies

## Analogous

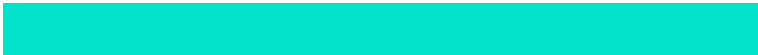
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FD457



3EDE8B



00E2CA

# Triad

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



3EDE8B



50C8FF



FF9683

# Complementary

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



3EDE8B



DE3E91

# 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.



FF8CBE



3EDE8B



D1B0FF

# Square

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



3EDE8B



00D9FF



FF98FB



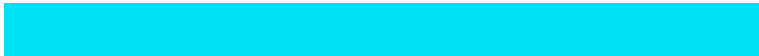
FFAD54

# Rectangle

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



3EDE8B



00E2F4



FF98FB



FF9196

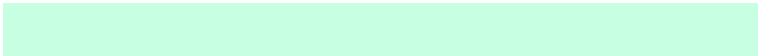


# Sweetspot

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



3EDE8B



C7FFE2



93DE3E



5E806E



000000



808080



# Same Dimension

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



3EDE8B



24FF8D



3EDED9



65706A



00B055



003017



# Inverse Universe

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



DE3E91



FF2495



DE3E43



70656B



B0005B

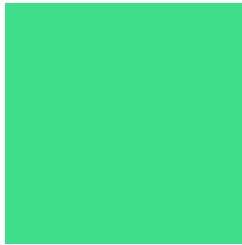


300019



# Previews

## White Background



This preview shows how the Hex color 3E8E8B 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 3E8E8B looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

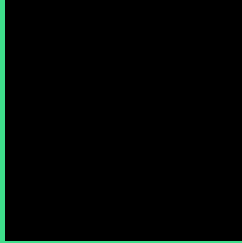
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3EDE8B Background



This preview shows how black text looks on a background with the Hex color 3EDE8B.

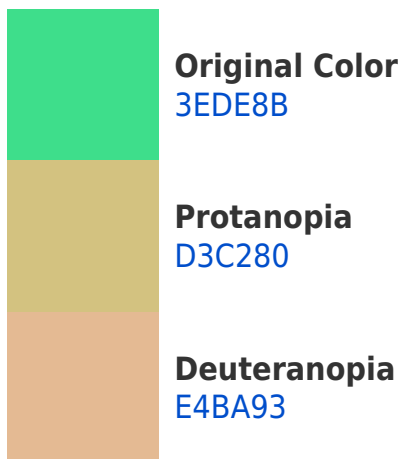


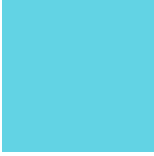
This preview shows how white text looks on a background with the Hex color 3EDE8B.

# 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](#).

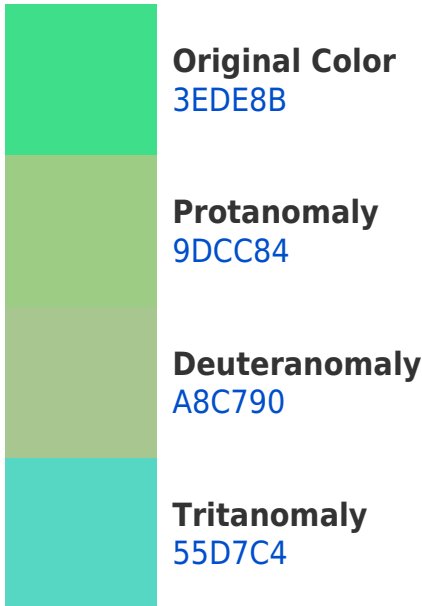
## Dichromacy



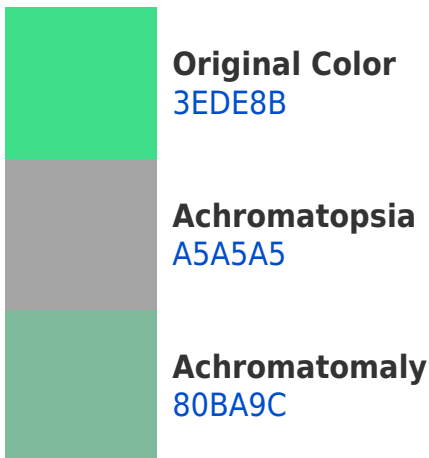


**Tritanopia**  
62D3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3EDE8B 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 #3EDE8B looks like.

```
.text, #text, p{  
    color:#3EDE8B  
}
```

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 #3EDE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EDE8B
}
```

## Border

The CSS property to change the border of an element to Hex 3EDE8B 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
#3EDE8B }
```

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

```
.border{ border-color:#3EDE8B }
```

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

Here you see how a box with a 4 pixel #3EDE8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EDE8B; -webkit-box-shadow:4px 4px  
4px 4px #3EDE8B; box-shadow:4px 4px 4px  
4px #3EDE8B }
```

# Background

The CSS property to change the background color of an element to Hex 3E8E8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8E8B }
```

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

```
.background{ background-color:#3E8E8B }
```

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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