

# Converting Colors

Hex(4EAA8B)

Have a look what the booklet for  
Hex(4EAA8B) contains.

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# Color

Hex(4EAA8B)

# Conversions

## Conversions Part 1

Format	Color
Hex	4EAA8B
RGB	78, 170, 139
RGB Percent	31%, 67%, 55%
CMY	0.6941, 0.3333, 0.4549
CMYK	0.54, 0.00, 0.18, 0.33
HSL	160°, 37%, 49%
HSV	160°, 54%, 67%
XYZ	22.1768, 32.2332, 29.4789
YIQ	138.9580, -44.8810, -29.1450

# Conversions

## Conversions Part 2

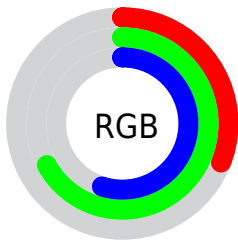
Format	Color
<a href="#">RYB</a>	<a href="#">78, 133, 170</a>
Decimal	<a href="#">5155467</a>
CIELab	<a href="#">63.54, -35.01, 7.75</a>
CIElCh	<a href="#">64, 35.855, 167.524</a>
Yxy	<a href="#">32.2332, 0.2644, 0.3842</a>
Android (android.graphics.Color)	<a href="#">4283345547 (0xFF4EAA8B)</a>
YUV	<a href="#">138.9580, 0.0207, -53.4602</a>
Hunter-Lab	<a href="#">56.7743, -29.6306, 8.9569</a>

# Details

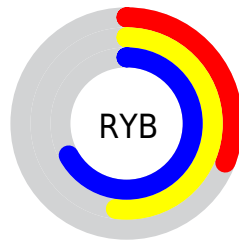
The Hex color **4EAA8B** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA4E6D**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **86E2C0**, and **087559** is the 20% darker color. If you saturate the color by 10%, you get **3DAA85**, and if you desaturate by 10%, it is **5FAA91**.

# Distribution



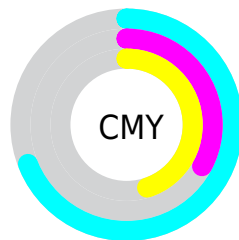
- Red (31%)
- Green (67%)
- Blue (55%)



- Red (31%)
- Yellow (52%)
- Blue (67%)



- Cyan (54%)
- Magenta (0%)
- Yellow (18%)
- Black (33%)



- Cyan (69%)
- Magenta (33%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4EAA8B 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 4EAA8B by changing the saturation by 10% instead.





4EAA8B



4EAA8B

FFFFFF



318F72



86E2C0



087559



A2FFDC



005C42



BEFFF9



00442C



DBFFFF



002D17



F9FFFF



001500



000000



4EAA8B



4EAA8B



3DAA85



5FAA91

■ 2CAA80

■ 70AA96

■ 1BAA7A

■ 81AA9C

■ 0AAA74

■ 92AAA2

■ 00AA71

■ A3AAA8

■ B4AAAD

■ C5AAB3

■ D6AAB9

■ E7AABF

# Harmonies

## Analogous

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



78A66E



4EAA8B



18ABAC

# Triad

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



4EAA8B



8A97D7



D0886C

# Complementary

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



4EAA8B



AA4E6D

# 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.



D88188



4EAA8B



B58BC5

# Square

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



4EAA8B



52A1D8



CF82A9



BA935B

# Rectangle

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



4EAA8B



00A9C0



CF82A9



D48575



# Sweetspot

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



4EAA8B



BADED2



6EAA4E



5B7069



F0F0F0



707070



# Same Dimension

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



4EAA8B



4EDEAD



4E9CAA



4C5451



009462



00140E



# Inverse Universe

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



AA4E6D



DE4E7E



AA5C4E



544C4F



940032

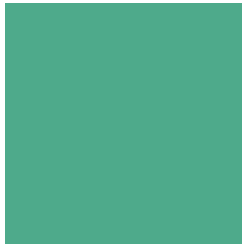


140007



# Previews

## White Background



This preview shows how the Hex color 4EAA8B looks on a white background.

## Color Contrast Check

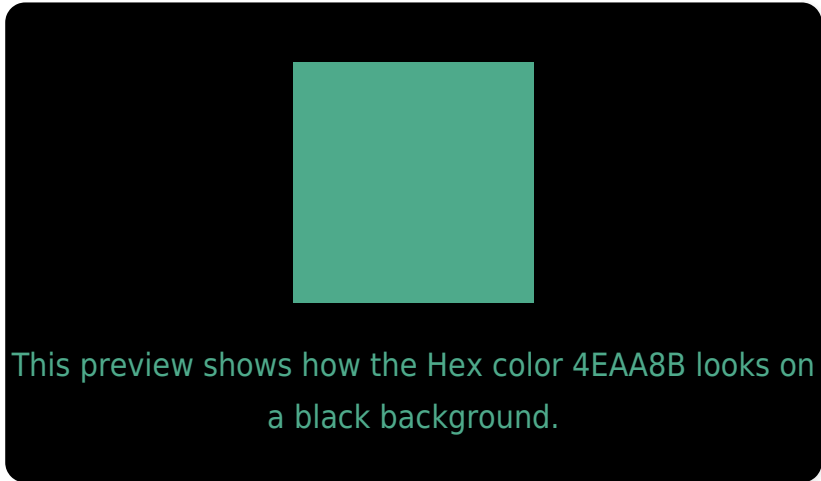
Large Text (above 18pt) WCAG AA × Fail

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

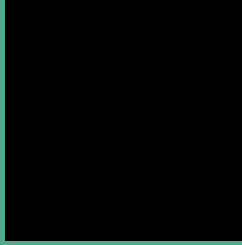
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4EAA8B Background



This preview shows how black text looks on a background with the Hex color 4EAA8B.

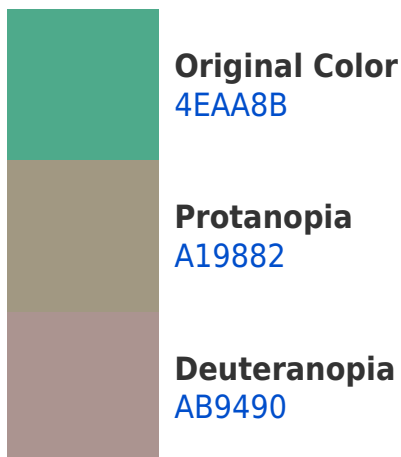


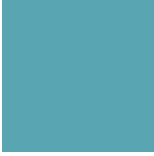
This preview shows how white text looks on a background with the Hex color 4EAA8B.

# 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**  
5AA5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4EAA8B 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 #4EAA8B looks like.

```
.text, #text, p{  
    color:#4EAA8B  
}
```

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 #4EAA8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAA8B
}
```

## Border

The CSS property to change the border of an element to Hex 4EAA8B 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
#4EAA8B }
```

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

```
.border{ border-color:#4EAA8B }
```

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

Here you see how a box with a 4 pixel #4EAA8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAA8B; -webkit-box-shadow:4px 4px  
4px 4px #4EAA8B; box-shadow:4px 4px 4px  
4px #4EAA8B }
```

# Background

The CSS property to change the background color of an element to Hex 4EAA8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAA8B }
```

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

```
.background{ background-color:#4EAA8B }
```

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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