

# Converting Colors

Hex(4BAE8D)

Have a look what the booklet for  
Hex(4BAE8D) contains.

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# Color

**Hex(4BAE8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BAE8D
RGB	75, 174, 141
RGB Percent	29%, 68%, 55%
CMY	0.7059, 0.3176, 0.4471
CMYK	0.57, 0.00, 0.19, 0.32
HSL	160°, 40%, 49%
HSV	160°, 57%, 68%
XYZ	22.8454, 33.6910, 30.4982
YIQ	140.6370, -48.4110, -31.2510

# Conversions

## Conversions Part 2

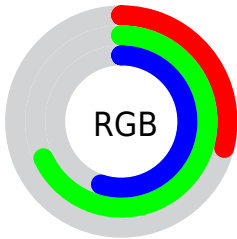
Format	Color
<a href="#">RYB</a>	<a href="#">75, 134, 174</a>
Decimal	<a href="#">4959885</a>
CIELab	<a href="#">64.72, -37.04, 8.31</a>
CIElCh	<a href="#">65, 37.959, 167.357</a>
Yxy	<a href="#">33.6910, 0.2625, 0.3871</a>
Android (android.graphics.Color)	<a href="#">4283149965</a> ( <a href="#">0xFF4BAE8D</a> )
YUV	<a href="#">140.6370, 0.1790, -57.5636</a>
Hunter-Lab	<a href="#">58.0440, -31.3215, 9.4779</a>

# Details

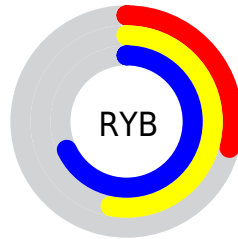
The Hex color **4BAE8D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AE4B6C**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **84E6C3**, and **00795B** is the 20% darker color. If you saturate the color by 10%, you get **3AAE87**, and if you desaturate by 10%, it is **5CAE93**.

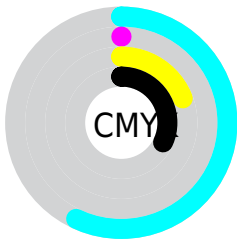
# Distribution



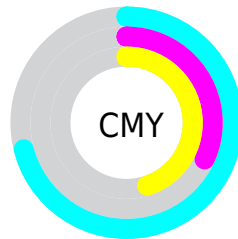
- Red (29%)
- Green (68%)
- Blue (55%)



- Red (29%)
- Yellow (53%)
- Blue (68%)



- Cyan (57%)
- Magenta (0%)
- Yellow (19%)
- Black (32%)



- Cyan (71%)
- Magenta (32%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4BAE8D 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 4BAE8D by changing the saturation by 10% instead.



 4BAE8D

 4BAE8D

FFFFFF

 2C9373

 84E6C3

 00795B

 A0FFDF

 005F43

 BDFFFB

 00472D

 DAFFFF

 003018

 F7FFFF

 001900

 000000

 4BAE8D

 4BAE8D

 3AAE87

 5CAE93

■ 28AE81

■ 6EAE99

■ 17AE7C

■ 7FAE9E

■ 05AE76

■ 91AEA4

■ 00AE74

■ A2AEAA

■ B3AEB0

■ C5AEB6

■ D6AEBB

■ E8AEC1

# Harmonies

## Analogous

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



79A96E



4BAE8D



00AFB0

# Triad

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



4BAE8D



8B9ADE



D68A6C

# Complementary

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



4BAE8D



AE4B6C

# 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.



DF838A



4BAE8D



B98DCB

# Square

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



4BAE8D



4EA5DF



D684AD



BF965B

# Rectangle

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



4BAE8D



00ADC5



D684AD



DB8775



# Sweetspot

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



4BAE8D



BCE3D6



6CAE4B



5C736B



F2F2F2



737373



# Same Dimension

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



4BAE8D



49E3B0



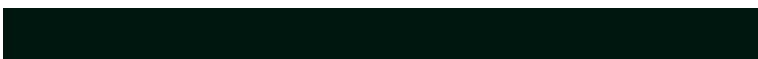
4B9DAE



4E5754



009664



00170F



# Inverse Universe

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



AE4B6C



E3497C



AE5B4B



574E51



960032

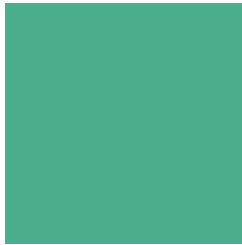


170008



# Previews

## White Background



This preview shows how the Hex color 4BAE8D looks on a white background.

## Color Contrast Check

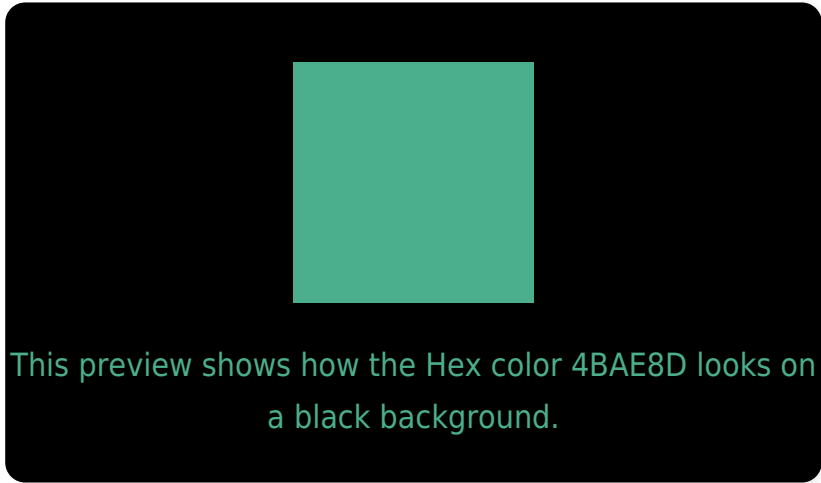
Large Text (above 18pt) WCAG AA × Fail

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

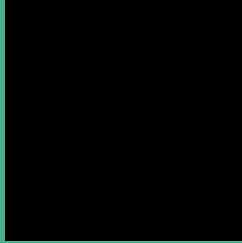
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4BAE8D Background



This preview shows how black text looks on a background with the Hex color 4BAE8D.

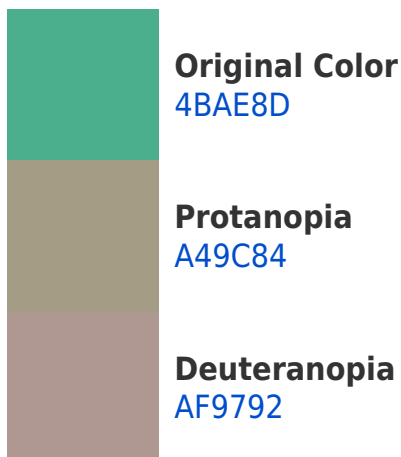


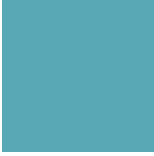
This preview shows how white text looks on a background with the Hex color 4BAE8D.

# 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](#).

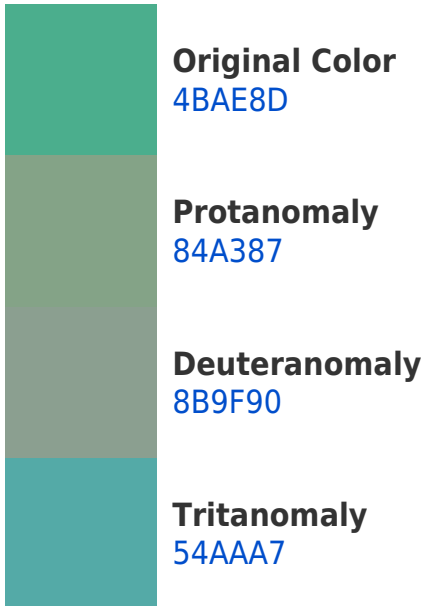
## Dichromacy



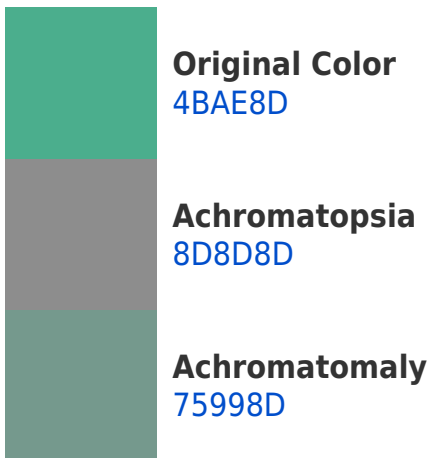


**Tritanopia**  
59A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4BAE8D 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 #4BAE8D looks like.

```
.text, #text, p{  
    color:#4BAE8D  
}
```

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 #4BAE8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAE8D
}
```

## Border

The CSS property to change the border of an element to Hex 4BAE8D 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
#4BAE8D }
```

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

```
.border{ border-color:#4BAE8D }
```

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

Here you see how a box with a 4 pixel #4BAE8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAE8D; -webkit-box-shadow:4px 4px  
4px 4px #4BAE8D; box-shadow:4px 4px 4px  
4px #4BAE8D }
```

# Background

The CSS property to change the background color of an element to Hex 4BAE8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAE8D }
```

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

```
.background{ background-color:#4BAE8D }
```

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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