

Converting Colors

Hex(4BA19D)

Have a look what the booklet for
Hex(4BA19D) contains.

Hex(4BA19D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4BA19D)

Conversions

Conversions Part 1

Format	Color
Hex	4BA19D
RGB	75, 161, 157
RGB Percent	29%, 63%, 62%
CMY	0.7059, 0.3686, 0.3843
CMYK	0.53, 0.00, 0.02, 0.37
HSL	177°, 36%, 46%
HSV	177°, 53%, 63%
XYZ	21.7323, 29.4199, 36.4315
YIQ	134.8300, -49.9720, -19.4760

Conversions

Conversions Part 2

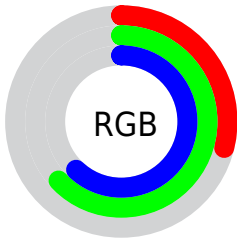
Format	Color
RYB	75, 119, 161
Decimal	4956573
CIELab	61.15, -26.80, -5.83
CIElCh	61, 27.427, 192.270
Yxy	29.4199, 0.2481, 0.3359
Android (android.graphics.Color)	4283146653 (0xFF4BA19D)
YUV	134.8300, 10.9298, -52.4709
Hunter-Lab	54.2401, -23.4009, -1.8552

Details

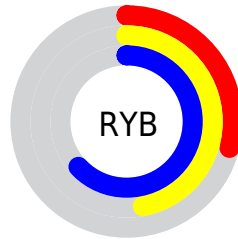
The Hex color **4BA19D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A14B4F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **83D8D3**, and **006D6A** is the 20% darker color. If you saturate the color by 10%, you get **3BA19C**, and if you desaturate by 10%, it is **5BA19E**.

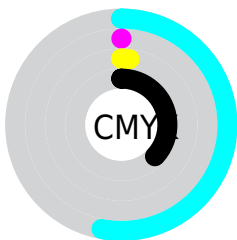
Distribution



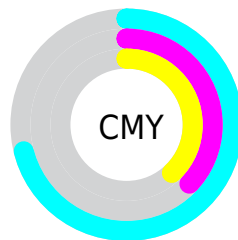
- Red (29%)
- Green (63%)
- Blue (62%)



- Red (29%)
- Yellow (47%)
- Blue (63%)



- Cyan (53%)
- Magenta (0%)
- Yellow (2%)
- Black (37%)



- Cyan (71%)
- Magenta (37%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA19D 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 4BA19D by changing the saturation by 10% instead.



4BA19D



4BA19D

FFFFFF



2D8783



83D8D3



006D6A



9FF5F0



005452



BCFFFF



003D3B



D9FFFF



002725



F6FFFF



000911



000000



4BA19D



4BA19D



3BA19C



5BA19E

 2BA19C

 6BA19E

 1BA19B

 7BA19F

 0BA19A

 8BA1A0

 00A19A

 9BA1A1

 ACA1A1

 BCA1A2

 CCA1A3

 DCA1A4

Harmonies

Analogous

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



63A084



4BA19D



469FB3

Triad

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



4BA19D



A38AB8



B18D66

Complementary

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



4BA19D



A14B4F

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.



C08674



4BA19D



BA83A3

Square

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



4BA19D



8392C3



C4828A



9B9564

Rectangle

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



4BA19D



549CBE



C4828A



B78A69

Sweetspot

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



4BA19D



B0D1D0



4FA14B



556968



E8E8E8



696969

Same Dimension

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



4BA19D



4BD1CB



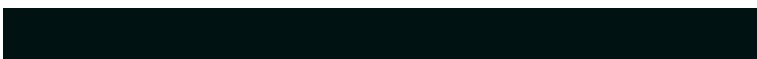
4B7AA1



495251



00918B



001211

Inverse Universe

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



A14B4F



D14B52



A1724B



52494A



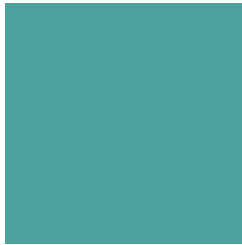
910007



120001

Previews

White Background



This preview shows how the Hex color 4BA19D looks on a white background.

Color Contrast Check

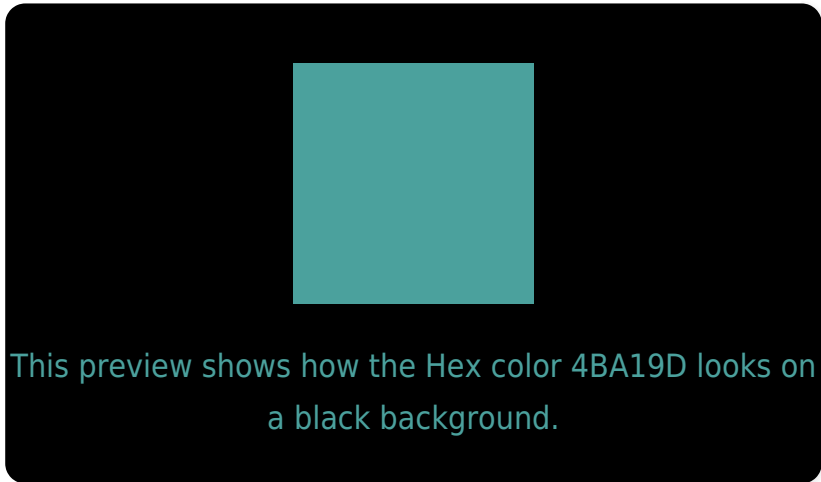
Large Text (above 18pt) WCAG AA ✓ Pass

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

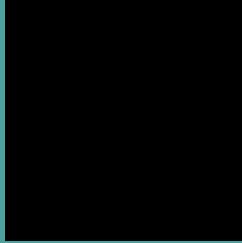
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 4BA19D Background



This preview shows how black text looks on a background with the Hex color 4BA19D.

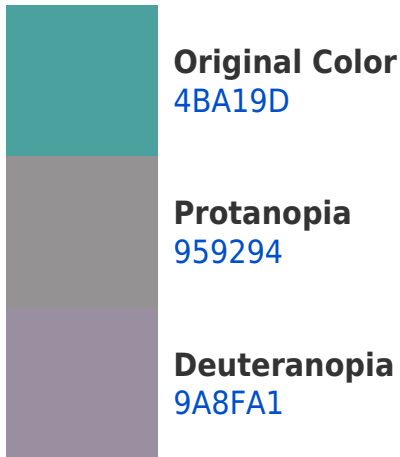


This preview shows how white text looks on a background with the Hex color 4BA19D.

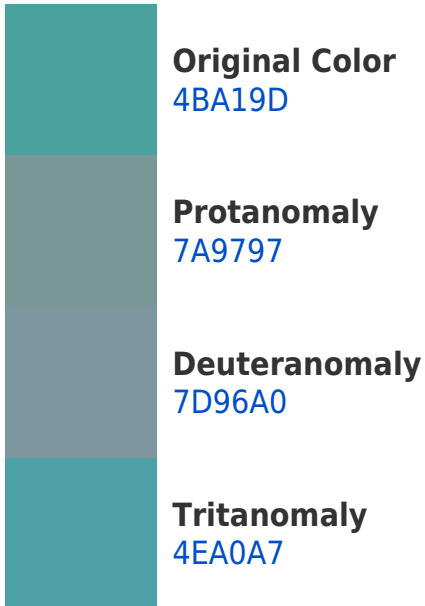
Color Blindness Simulation

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](#).

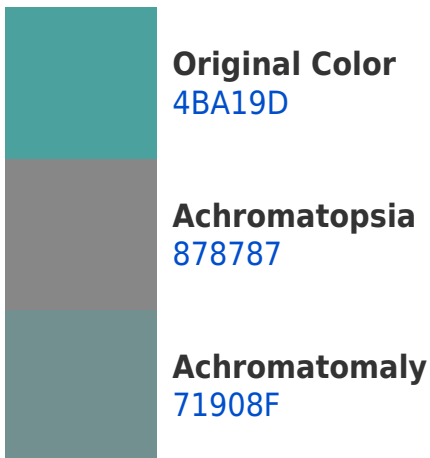
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA19D 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 #4BA19D looks like.

```
.text, #text, p{  
    color:#4BA19D  
}
```

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 #4BA19D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA19D
}
```

Border

The CSS property to change the border of an element to Hex 4BA19D 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
#4BA19D }
```

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

```
.border{ border-color:#4BA19D }
```

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

Here you see how a box with a 4 pixel #4BA19D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA19D; -webkit-box-shadow:4px 4px  
4px 4px #4BA19D; box-shadow:4px 4px 4px  
4px #4BA19D }
```

Background

The CSS property to change the background color of an element to Hex 4BA19D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA19D }
```

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

```
.background{ background-color:#4BA19D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor