

Converting Colors

Hex(4BA68F)

Have a look what the booklet for
Hex(4BA68F) contains.

Hex(4BA68F)	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(4BA68F)

Conversions

Conversions Part 1

Format	Color
Hex	4BA68F
RGB	75, 166, 143
RGB Percent	29%, 65%, 56%
CMY	0.7059, 0.3490, 0.4392
CMYK	0.55, 0.00, 0.14, 0.35
HSL	165°, 38%, 47%
HSV	165°, 55%, 65%
XYZ	21.4958, 30.7515, 30.7893
YIQ	136.1690, -46.8530, -26.4450

Conversions

Conversions Part 2

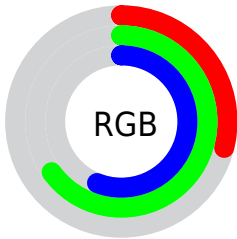
Format	Color
RYB	75, 127, 166
Decimal	4957839
CIELab	62.30, -32.86, 3.72
CIElCh	62, 33.067, 173.537
Yxy	30.7515, 0.2589, 0.3703
Android (android.graphics.Color)	4283147919 (0xFF4BA68F)
YUV	136.1690, 3.3677, -53.6452
Hunter-Lab	55.4540, -27.8520, 5.8987

Details

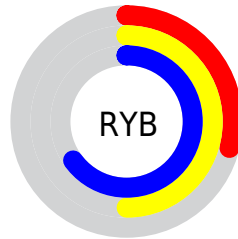
The Hex color **4BA68F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A64B62**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **83DEC5**, and **00715D** is the 20% darker color. If you saturate the color by 10%, you get **3AA68B**, and if you desaturate by 10%, it is **5CA693**.

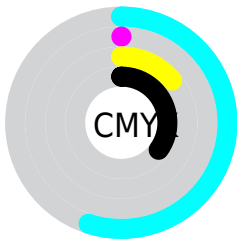
Distribution



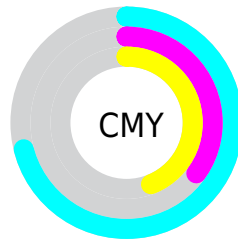
- Red (29%)
- Green (65%)
- Blue (56%)



- Red (29%)
- Yellow (50%)
- Blue (65%)



- Cyan (55%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (71%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA68F 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 4BA68F by changing the saturation by 10% instead.

 4BA68F

 4BA68F

FFFFFF

 2D8B75


 83DEC5

 00715D

 9FFAE1

 005845

 BBFFFD

 00402F

 D8FFFF

 002A1A

 F6FFFF

 000F00

 000000

 4BA68F

 4BA68F

 3AA68B

 5CA693

■ 2AA687

■ 6CA697

■ 19A682

■ 7DA69C

■ 09A67E

■ 8DA6A0

■ 00A67C

■ 9EA6A4

■ AFA6A8

■ BFA6AC

■ D0A6B1

■ E0A6B5

Harmonies

Analogous

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



71A373



4BA68F



27A6AD

Triad

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



4BA68F



9191CC



C68968

Complementary

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



4BA68F



A64B62

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.



D08181



4BA68F



B687BA

Square

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



4BA68F



629BD0



CB819E



B0935C

Rectangle

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



4BA68F



27A4BE



CB819E



CB8670

Sweetspot

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



4BA68F



B6D9D0



63A64B



596E68



EDEDED



6E6E6E

Same Dimension

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



4BA68F



4AD9B5



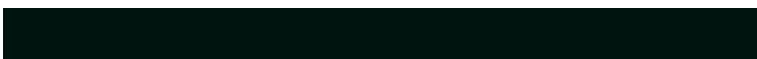
4B91A6



4C5452



00946F



00140F

Inverse Universe

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



A64B62



D94A6E



A6604B



544C4E



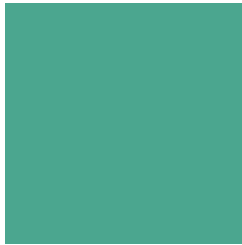
940025



140005

Previews

White Background



This preview shows how the Hex color 4BA68F 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

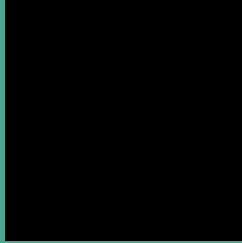
Any Text WCAG AA ✓ Pass

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 4BA68F Background



This preview shows how black text looks on a background with the Hex color 4BA68F.

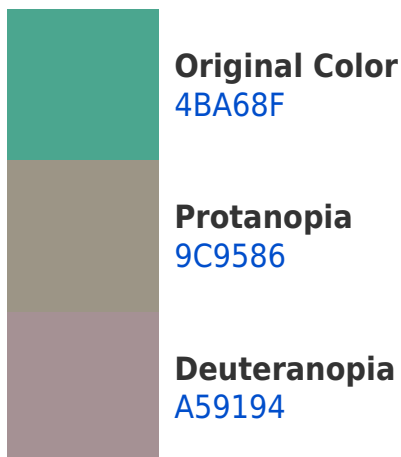


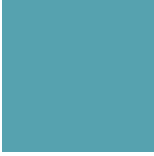
This preview shows how white text looks on a background with the Hex color 4BA68F.

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](#).

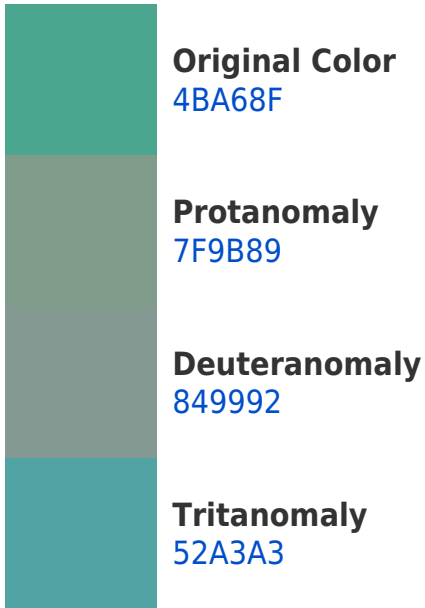
Dichromacy



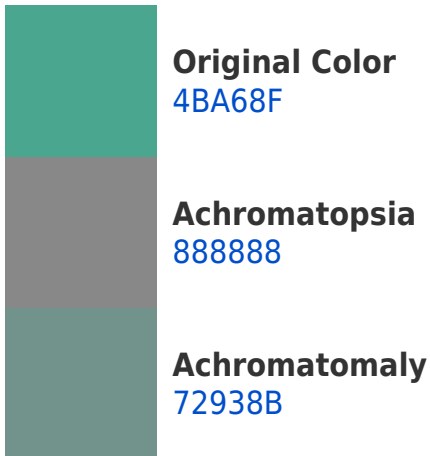


Tritanopia
56A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA68F 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 #4BA68F looks like.

```
.text, #text, p{  
  color:#4BA68F  
}
```

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 #4BA68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA68F
}
```

Border

The CSS property to change the border of an element to Hex 4BA68F 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
#4BA68F }
```

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

```
.border{ border-color:#4BA68F }
```

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

Here you see how a box with a 4 pixel #4BA68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA68F; -webkit-box-shadow:4px 4px  
4px 4px #4BA68F; box-shadow:4px 4px 4px  
4px #4BA68F }
```

Background

The CSS property to change the background color of an element to Hex 4BA68F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA68F }
```

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

```
.background{ background-color:#4BA68F }
```

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