

Converting Colors

Hex(4BAFA9)

Have a look what the booklet for
Hex(4BAFA9) contains.

Hex(4BAFA9)	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(4BAFA9)

Conversions

Conversions Part 1

Format	Color
Hex	4BAFA9
RGB	75, 175, 169
RGB Percent	29%, 69%, 66%
CMY	0.7059, 0.3137, 0.3373
CMYK	0.57, 0.00, 0.03, 0.31
HSL	176°, 40%, 49%
HSV	176°, 57%, 69%
XYZ	25.3931, 35.0204, 42.9574
YIQ	144.4160, -57.6740, -23.0660

Conversions

Conversions Part 2

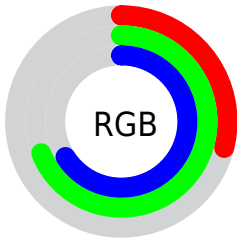
Format	Color
RYB	75, 127, 175
Decimal	4960169
CIELab	65.76, -30.40, -5.71
CIElCh	66, 30.936, 190.642
Yxy	35.0204, 0.2457, 0.3388
Android (android.graphics.Color)	4283150249 (0xFF4BAFA9)
YUV	144.4160, 12.1199, -60.8778
Hunter-Lab	59.1780, -26.9679, -1.6141

Details

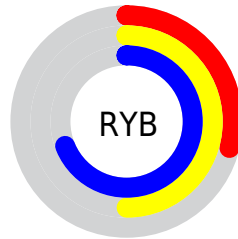
The Hex color **4BAFA9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AF4B51**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **85E7E0**, and **007A75** is the 20% darker color. If you saturate the color by 10%, you get **3AAFA8**, and if you desaturate by 10%, it is **5DAFAA**.

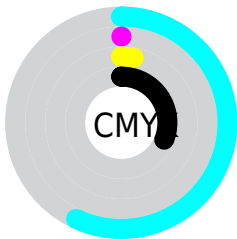
Distribution



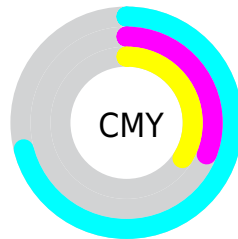
- Red (29%)
- Green (69%)
- Blue (66%)



- Red (29%)
- Yellow (50%)
- Blue (69%)



- Cyan (57%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (71%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BAFA9 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 4BAFA9 by changing the saturation by 10% instead.

 4BAFA9

 4BAFA9

FFFFFF

 2A948F

 85E7E0

 007A75

 A2FFFD

 00615C

 BFFFFFF

 004845

 DCFFFF

 00312F

 FAFFFF

 001D1A

 000000

 4BAFA9

 4BAFA9

 3AAFA8

 5DAFAA

■ 28AFA7

■ 6EAFAB

■ 16AFA6

■ 80AFAC

■ 05AFA5

■ 91AFAD

■ 00AFA4

■ A3AFAE

■ B4AFAF

■ C6AFB0

■ D7AFB1

■ E9AFB2

Harmonies

Analogous

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



69AE8C



4BAFA9



42ADC3

Triad

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



4BAFA9



B095CA



C2986C

Complementary

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



4BAFA9



AF4B51

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.



D38F7D



4BAFA9



CB8DB3

Square

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



4BAFA9



899FD6



D78B97



A9A169

Rectangle

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



4BAFA9



53AACF



D78B97



C99570

Sweetspot

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



4BAFA9



BCE3E1



52AF4B



5C7371



F2F2F2



737373

Same Dimension

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



4BAFA9



46E3DA



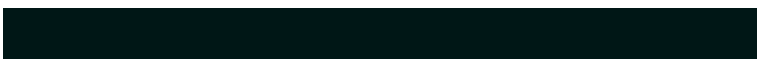
4B84AF



4E5756



00968D



001716

Inverse Universe

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



AF4B51



E34650



AF764B



574E4F



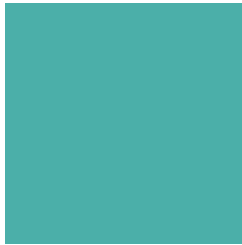
960009



170001

Previews

White Background



This preview shows how the Hex color 4BAFA9 looks on a white background.

Color Contrast Check

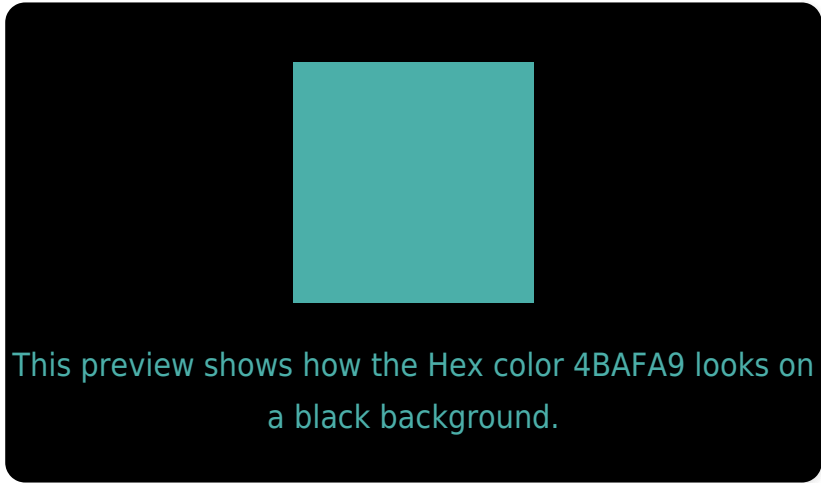
Large Text (above 18pt) WCAG AA × Fail

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 4BAFA9 Background



This preview shows how black text looks on a background with the Hex color 4BAFA9.

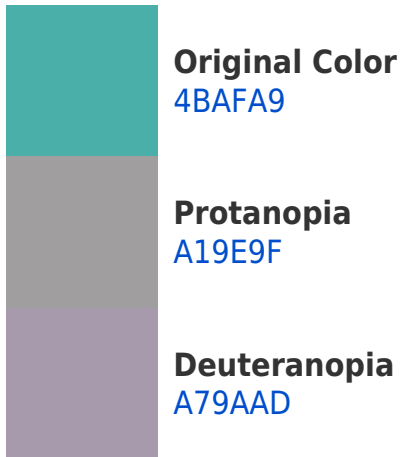


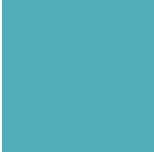
This preview shows how white text looks on a background with the Hex color 4BAFA9.

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](#).

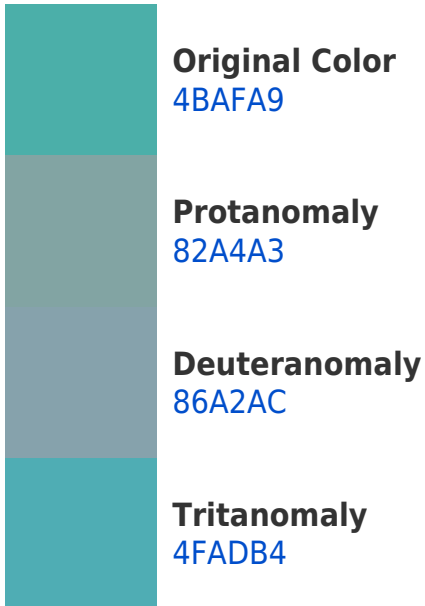
Dichromacy



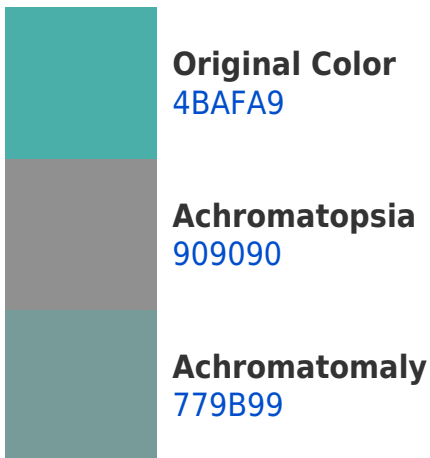


Tritanopia
52ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BAFA9 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 #4BAFA9 looks like.

```
.text, #text, p{  
    color:#4BAFA9  
}
```

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 #4BAFA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BAFA9
}
```

Border

The CSS property to change the border of an element to Hex 4BAFA9 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
#4BAFA9 }
```

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

```
.border{ border-color:#4BAFA9 }
```

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

Here you see how a box with a 4 pixel #4BAFA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BAFA9; -webkit-box-shadow:4px 4px  
4px 4px #4BAFA9; box-shadow:4px 4px 4px  
4px #4BAFA9 }
```

Background

The CSS property to change the background color of an element to Hex 4BAFA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BAFA9 }
```

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

```
.background{ background-color:#4BAFA9 }
```

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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