

Converting Colors

Hex(4BA4A7)

Have a look what the booklet for
Hex(4BA4A7) contains.

Hex(4BA4A7)	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(4BA4A7)

Conversions

Conversions Part 1

Format	Color
Hex	4BA4A7
RGB	75, 164, 167
RGB Percent	29%, 64%, 65%
CMY	0.7059, 0.3569, 0.3451
CMYK	0.55, 0.02, 0.00, 0.35
HSL	182°, 38%, 47%
HSV	182°, 55%, 65%
XYZ	23.1522, 30.8368, 41.2911
YIQ	137.7310, -54.0070, -17.9350

Conversions

Conversions Part 2

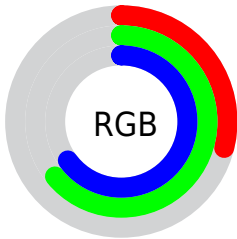
Format	Color
R _{YB}	75, 120, 167
Decimal	4957351
CIE Lab	62.37, -25.54, -9.64
CIE LCh	62, 27.297, 200.690
Yxy	30.8368, 0.2430, 0.3236
Android (android.graphics.Color)	4283147431 (0xFF4BA4A7)
YUV	137.7310, 14.4296, -55.0151
Hunter-Lab	55.5309, -22.7581, -5.2146

Details

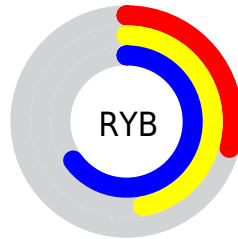
The Hex color **4BA4A7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A74E4B**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **84DBDE**, and **007073** is the 20% darker color. If you saturate the color by 10%, you get **3AA3A7**, and if you desaturate by 10%, it is **5CA5A7**.

Distribution



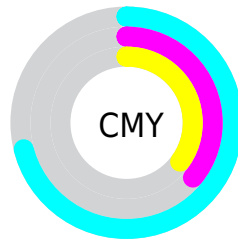
- Red (29%)
- Green (64%)
- Blue (65%)



- Red (29%)
- Yellow (47%)
- Blue (65%)



- Cyan (55%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (71%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BA4A7 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 4BA4A7 by changing the saturation by 10% instead.



4BA4A7



4BA4A7

FFFFFF



2C898D



84DBDE



007073



A0F8FB



00575B



BDFFFF



003F43



DAFFFF



00292D



F8FFFF



001019



000000



4BA4A7



4BA4A7



3AA3A7



5CA5A7

■ 2AA3A7

■ 6CA5A7

■ 19A2A7

■ 7DA6A7

■ 08A2A7

■ 8EA6A7

■ 00A2A7

■ 9EA7A7

■ AFA7A7

■ C0A8A7

■ D1A8A7

■ E1A9A7

Harmonies

Analogous

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



5FA48E



4BA4A7



4FA1BB

Triad

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



4BA4A7



AE8BB6



AF9367

Complementary

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



4BA4A7



A74E4B

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.



C08B72



4BA4A7



C2859F

Square

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



4BA4A7



9093C4



C78587



979B69

Rectangle

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



4BA4A7



619EC4



C78587



B6906A

Sweetspot

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



4BA4A7



B4D8D9



4BA74D



586D6E



EDEDED



6E6E6E

Same Dimension

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



4BA4A7



4AD4D9



4B77A7



4C5454



008F94



001414

Inverse Universe

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



A74BA4



D94AD4



A77B4B



544C54



94008F



140014

Previews

White Background



This preview shows how the Hex color 4BA4A7 looks on a white background.

Color Contrast Check

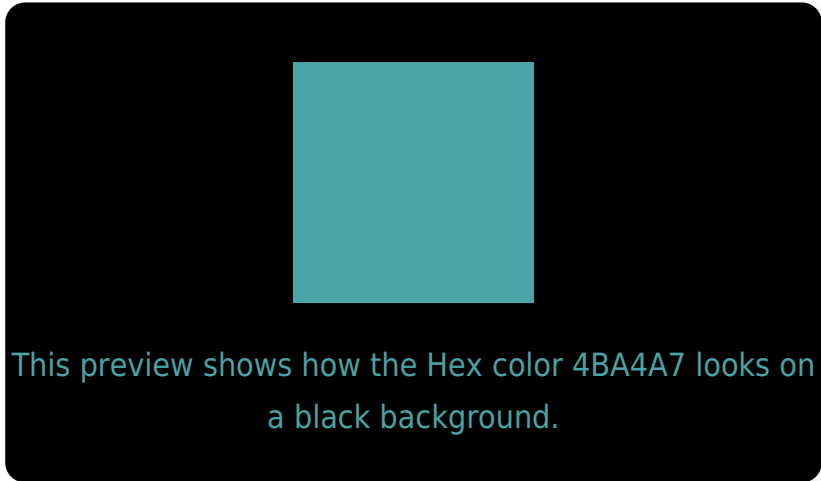
Large Text (above 18pt) WCAG AA × Fail

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

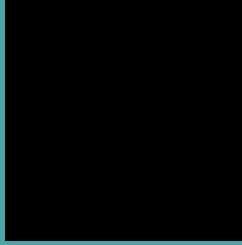
Any Text WCAG AA ✓ Pass

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 4BA4A7 Background



This preview shows how black text looks on a background with the Hex color 4BA4A7.

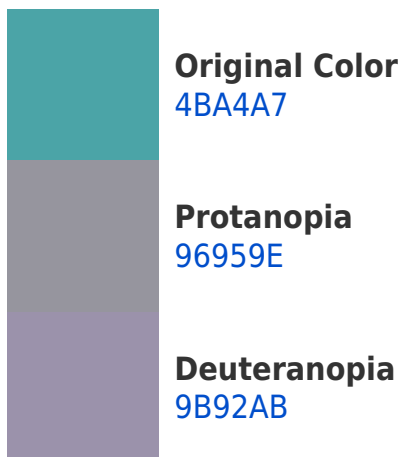


This preview shows how white text looks on a background with the Hex color 4BA4A7.

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](#).

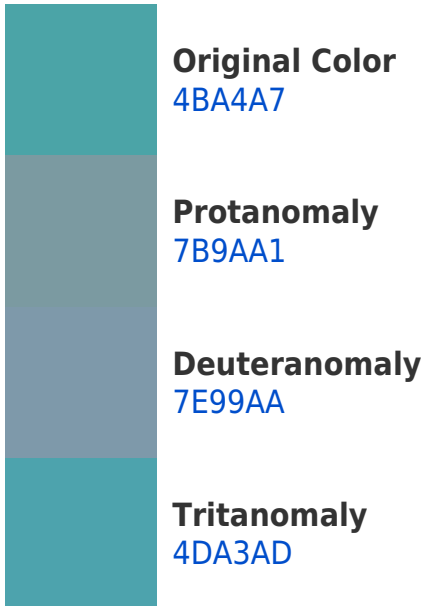
Dichromacy



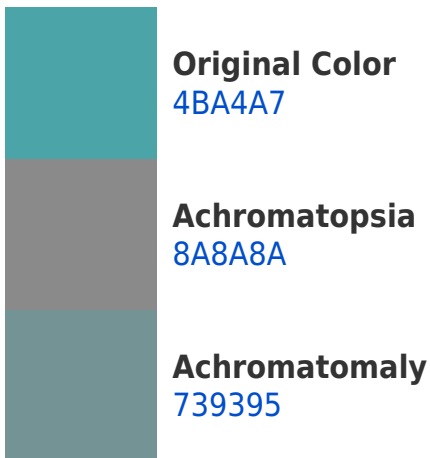


Tritanopia
4EA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BA4A7 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 #4BA4A7 looks like.

```
.text, #text, p{  
    color:#4BA4A7  
}
```

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 #4BA4A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BA4A7
}
```

Border

The CSS property to change the border of an element to Hex 4BA4A7 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
#4BA4A7 }
```

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

```
.border{ border-color:#4BA4A7 }
```

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

Here you see how a box with a 4 pixel #4BA4A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BA4A7; -webkit-box-shadow:4px 4px  
4px 4px #4BA4A7; box-shadow:4px 4px 4px  
4px #4BA4A7 }
```

Background

The CSS property to change the background color of an element to Hex 4BA4A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BA4A7 }
```

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

```
.background{ background-color:#4BA4A7 }
```

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