

# Converting Colors

Hex(4AA3A2)

Have a look what the booklet for  
Hex(4AA3A2) contains.

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# Color

Hex(4AA3A2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AA3A2
RGB	74, 163, 162
RGB Percent	29%, 64%, 64%
CMY	0.7098, 0.3608, 0.3647
CMYK	0.55, 0.00, 0.01, 0.36
HSL	179°, 38%, 46%
HSV	179°, 55%, 64%
XYZ	22.4428, 30.2589, 38.8401
YIQ	136.2750, -52.7230, -19.1790

# Conversions

## Conversions Part 2

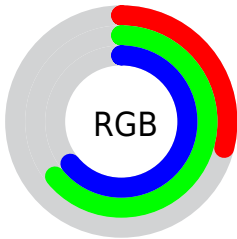
Format	Color
<a href="#">RYB</a>	<a href="#">74, 119, 163</a>
Decimal	<a href="#">4891554</a>
CIELab	<a href="#">61.88, -26.64, -7.57</a>
CIELCh	<a href="#">62, 27.690, 195.868</a>
Yxy	<a href="#">30.2589, 0.2452, 0.3305</a>
Android (android.graphics.Color)	<a href="#">4283081634 (0xFF4AA3A2)</a>
YUV	<a href="#">136.2750, 12.6824, -54.6152</a>
Hunter-Lab	<a href="#">55.0081, -23.4376, -3.3579</a>

# Details

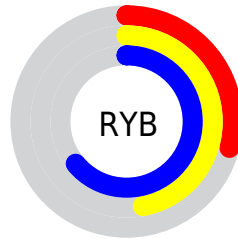
The Hex color **4AA3A2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34A4B**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **83DAD9**, and **006F6E** is the 20% darker color. If you saturate the color by 10%, you get **3AA3A2**, and if you desaturate by 10%, it is **5AA3A2**.

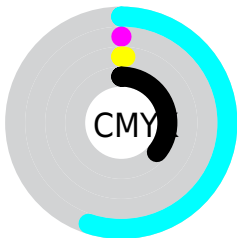
# Distribution



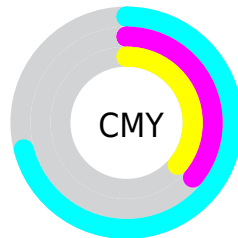
- Red (29%)
- Green (64%)
- Blue (64%)



- Red (29%)
- Yellow (47%)
- Blue (64%)



- Cyan (55%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AA3A2 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 4AA3A2 by changing the saturation by 10% instead.





4AA3A2



4AA3A2

FFFFFF



2B8988



83DAD9



006F6E



9FF7F5



005656



BCFFFF



003E3F



D9FFFF



002829



F6FFFF



000E15



000000



4AA3A2



4AA3A2



3AA3A2



5AA3A2

■ 29A3A2

■ 6BA3A2

■ 19A3A1

■ 7BA3A3

■ 09A3A1

■ 8BA3A3

■ 00A3A1

■ 9BA3A3

■ ACA3A3

■ BCA3A3

■ CCA3A3

■ DDA3A4

# Harmonies

## Analogous

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



61A289



4AA3A2



49A1B8

# Triad

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



4AA3A2



A98BB8



B19066

# Complementary

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



4AA3A2



A34A4B

# 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.



C18873



4AA3A2



BF84A2

# Square

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



4AA3A2



8993C4



C78389



999866

# Rectangle

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



4AA3A2



599DC2



C78389



B88D69



# Sweetspot

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



4AA3A2



B2D4D3



4BA34A



576B6B



EBEBEB



6B6B6B



# Same Dimension

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



4AA3A2



48D4D2



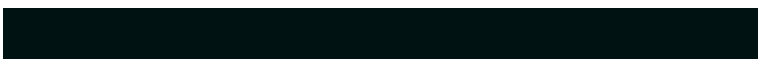
4A78A3



495252



009190



001212



# Inverse Universe

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



A34A4B



D4484A



A3754A



52494A



910002

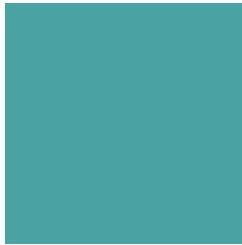


120000



# Previews

## White Background



This preview shows how the Hex color 4AA3A2 looks on a white background.

## Color Contrast Check

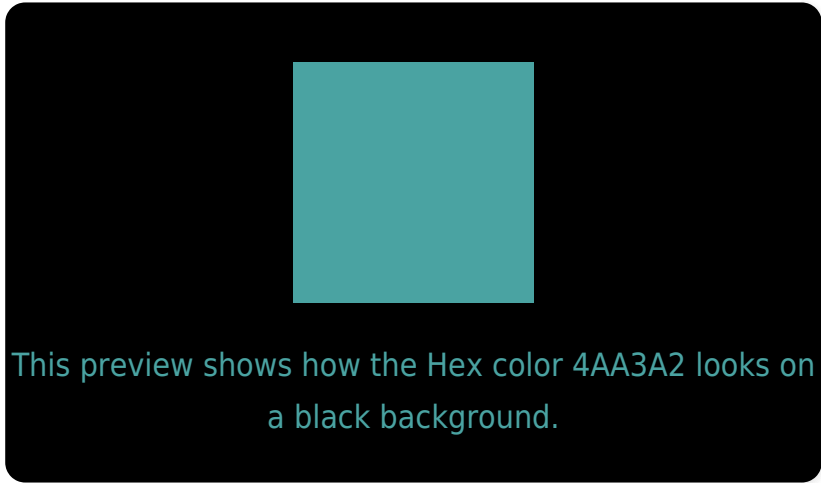
Large Text (above 18pt) WCAG AA × Fail

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

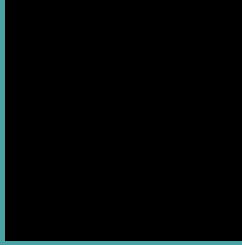
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4AA3A2 Background



This preview shows how black text looks on a background with the Hex color 4AA3A2.

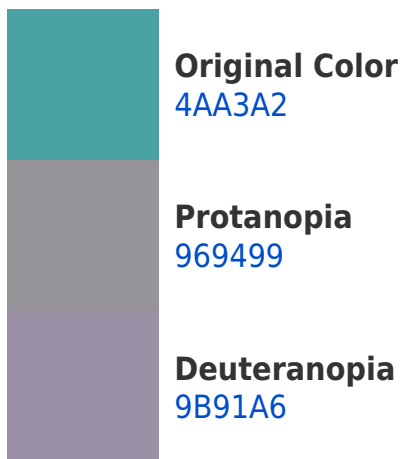


This preview shows how white text looks on a background with the Hex color 4AA3A2.

# 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**  
4FA1AE

# Trichromacy



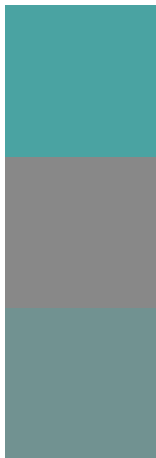
**Original Color**  
4AA3A2

**Protanomaly**  
7A999C

**Deuteranomaly**  
7E98A5

**Tritanomaly**  
4DA2AA

# Monochromacy



**Original Color**  
4AA3A2

**Achromatopsia**  
888888

**Achromatomaly**  
719291

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AA3A2 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 #4AA3A2 looks like.

```
.text, #text, p{  
    color:#4AA3A2  
}
```

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 #4AA3A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AA3A2
}
```

## Border

The CSS property to change the border of an element to Hex 4AA3A2 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
#4AA3A2 }
```

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

```
.border{ border-color:#4AA3A2 }
```

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

Here you see how a box with a 4 pixel #4AA3A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AA3A2; -webkit-box-shadow:4px 4px  
4px 4px #4AA3A2; box-shadow:4px 4px 4px  
4px #4AA3A2 }
```

# Background

The CSS property to change the background color of an element to Hex 4AA3A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AA3A2 }
```

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

```
.background{ background-color:#4AA3A2 }
```

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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