

# Converting Colors

Hex(4AADA2)

Have a look what the booklet for  
Hex(4AADA2) contains.

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# Color

Hex(4AADA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	4AADA2
RGB	74, 173, 162
RGB Percent	29%, 68%, 64%
CMY	0.7098, 0.3216, 0.3647
CMYK	0.57, 0.00, 0.06, 0.32
HSL	173°, 40%, 48%
HSV	173°, 57%, 68%
XYZ	24.2892, 33.9516, 39.4556
YIQ	142.1450, -55.4730, -24.4090

# Conversions

## Conversions Part 2

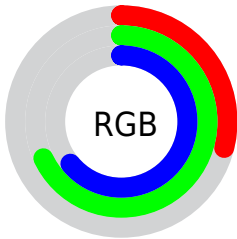
<b>Format</b>	<b>Color</b>
<b>RYB</b>	74, 126, 173
Decimal	4894114
CIELab	64.92, -31.52, -3.06
CIELCh	65, 31.666, 185.550
Yxy	33.9516, 0.2486, 0.3475
Android (android.graphics.Color)	4283084194 (0xFF4AADA2)
YUV	142.1450, 9.7885, -59.7632
Hunter-Lab	58.2680, -27.5608, 0.6400

# Details

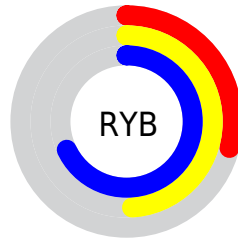
The Hex color **4AADA2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AD4A55**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **84E5D9**, and **00786E** is the 20% darker color. If you saturate the color by 10%, you get **39ADA0**, and if you desaturate by 10%, it is **5BADA4**.

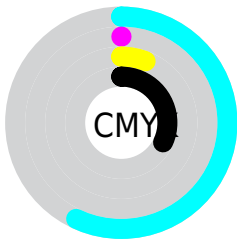
# Distribution



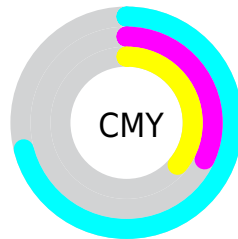
- Red (29%)
- Green (68%)
- Blue (64%)



- Red (29%)
- Yellow (49%)
- Blue (68%)



- Cyan (57%)
- Magenta (0%)
- Yellow (6%)
- Black (32%)



- Cyan (71%)
- Magenta (32%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4AADA2 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 4AADA2 by changing the saturation by 10% instead.





4AADA2



4AADA2

FFFFFF



2A9288



84E5D9



00786E



A0FFF5



005F56



BDFFFF



00473F



DAFFFF



002F29



F8FFFF



001A15



000000



4AADA2



4AADA2



39ADA0



5BADA4

 27AD9E

 6DADA6

 16AD9C

 7EADA8

 05AD9A

 8FADAA

 00AD9A

 A1ADAC

 B2ADAE

 C3ADAF

 D4ADB1

 E6ADB3

# Harmonies

## Analogous

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



6BAB85



4AADA2



39ACBD

# Triad

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



4AADA2



A894CC



C4946B

# Complementary

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



4AADA2



AD4A55

# 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.



D38B7E



4AADA2



C68BB6

# Square

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



4AADA2



7F9ED6



D48899



AC9D65

# Rectangle

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



4AADA2



47A9CB



D48899



CB9170



# Sweetspot

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



4AADA2



BAE0DC



56AD4A



5A706E



F0F0F0



707070



# Same Dimension

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



4AADA2



46E0CF



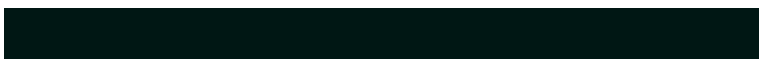
4A87AD



4E5756



009686



001714



# Inverse Universe

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



AD4A55



E04657



AD704A



574E4F



960011

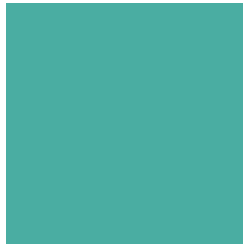


170003



# Previews

## White Background



This preview shows how the Hex color 4AADA2 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



This preview shows how the Hex color 4AADA2 looks on a 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 4AADA2 Background



This preview shows how black text looks on a background with the Hex color 4AADA2.

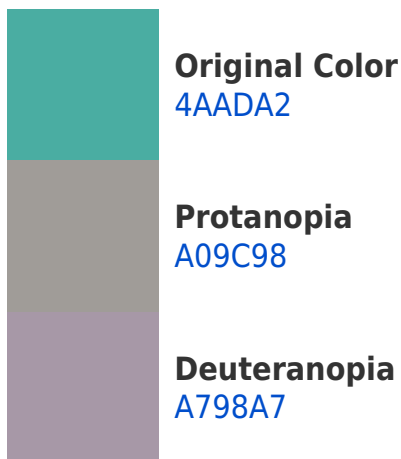


This preview shows how white text looks on a background with the Hex color 4AADA2.

# 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](#).

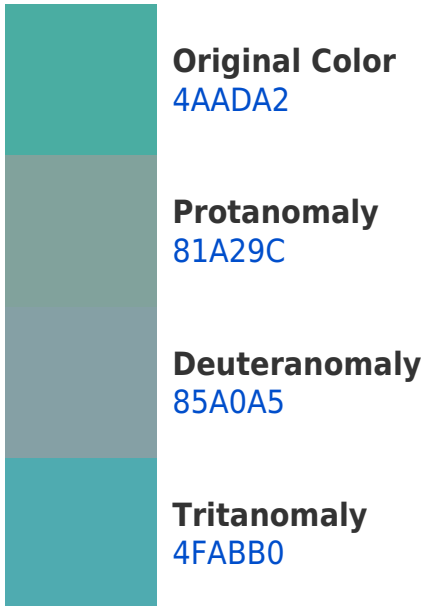
## Dichromacy





**Tritanopia**  
52AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4AADA2 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 #4AADA2 looks like.

```
.text, #text, p{  
    color:#4AADA2  
}
```

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 #4AADA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4AADA2
}
```

## Border

The CSS property to change the border of an element to Hex 4AADA2 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
#4AADA2 }
```

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

```
.border{ border-color:#4AADA2 }
```

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

Here you see how a box with a 4 pixel #4AADA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4AADA2; -webkit-box-shadow:4px 4px  
4px 4px #4AADA2; box-shadow:4px 4px 4px  
4px #4AADA2 }
```

# Background

The CSS property to change the background color of an element to Hex 4AADA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4AADA2 }
```

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

```
.background{ background-color:#4AADA2 }
```

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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