

# Converting Colors

Hex(3DA4AA)

Have a look what the booklet for  
Hex(3DA4AA) contains.

<b>Hex(3DA4AA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3DA4AA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3DA4AA
RGB	61, 164, 170
RGB Percent	24%, 64%, 67%
CMY	0.7608, 0.3569, 0.3333
CMYK	0.64, 0.04, 0.00, 0.33
HSL	183°, 47%, 45%
HSV	183°, 64%, 67%
XYZ	22.4556, 30.4453, 42.7232
YIQ	133.8870, -63.3140, -19.9700

# Conversions

## Conversions Part 2

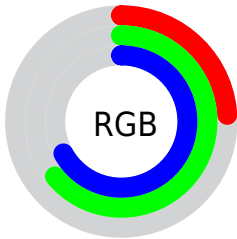
<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 114, 170
Decimal	4039850
CIELab	62.04, -27.26, -11.87
CIELCh	62, 29.738, 203.533
Yxy	30.4453, 0.2348, 0.3184
Android (android.graphics.Color)	4282229930 (0xFF3DA4AA)
YUV	133.8870, 17.8037, -63.9219
Hunter-Lab	55.1773, -23.9156, -7.2836

# Details

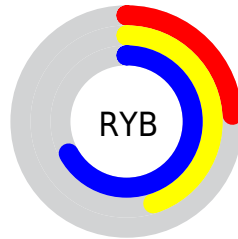
The Hex color **3DA4AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA433D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **79DBE1**, and **007076** is the 20% darker color. If you saturate the color by 10%, you get **2CA3AA**, and if you desaturate by 10%, it is **4EA5AA**.

# Distribution



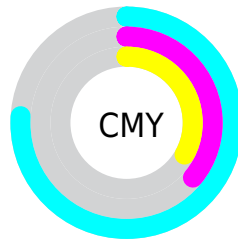
- Red (24%)
- Green (64%)
- Blue (67%)



- Red (24%)
- Yellow (45%)
- Blue (67%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (33%)



- Cyan (76%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3DA4AA 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 3DA4AA by changing the saturation by 10% instead.



 3DA4AA

 3DA4AA

FFFFFF

 158990

 79DBE1

 007076

 96F8FE

 00575D

 B3FFFF

 003F46

 D1FFFF

 00292F

 EFFFFFF

 000F1B

 000000

 3DA4AA

 3DA4AA

 2CA3AA

 4EA5AA

■ 1BA2AA

■ 5FA6AA

■ 0AA1AA

■ 70A7AA

■ 00A1AA

■ 81A8AA

■ 92A9AA

■ A3AAAA

■ B4ABAA

■ C5ABAA

■ D6ACAA

# Harmonies

## Analogous

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



55A48F



3DA4AA



45A1BF

# Triad

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



3DA4AA



B288B6



AD9262

# Complementary

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



3DA4AA



AA433D

# 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.



C1896D



3DA4AA



C5829D

# Square

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



3DA4AA



9191C6



CA8382



939B65

# Rectangle

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



3DA4AA



5C9DC8



CA8382



B58F64



# Sweetspot

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



3DA4AA



B4DCDE



3DAA42



566F70



F0F0F0



707070



# Same Dimension

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



3DA4AA



33D4DE



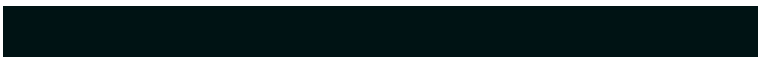
3D6EAA



4C5454



008C94



001314



# Inverse Universe

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



AA3DA4



DE33D4



AA793D



544C54



94008C

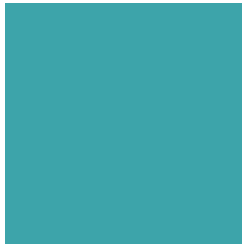


140013



# Previews

## White Background



This preview shows how the Hex color 3DA4AA 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 3DA4AA 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 3DA4AA Background



This preview shows how black text looks on a background with the Hex color 3DA4AA.

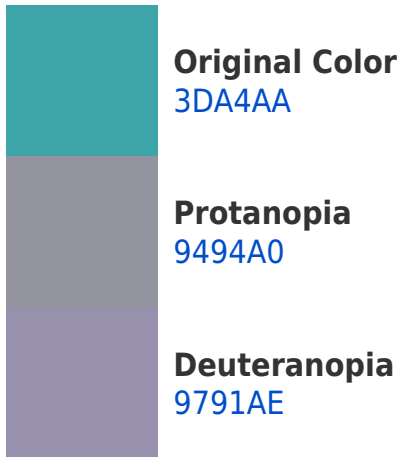


This preview shows how white text looks on a background with the Hex color 3DA4AA.

# 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](#).

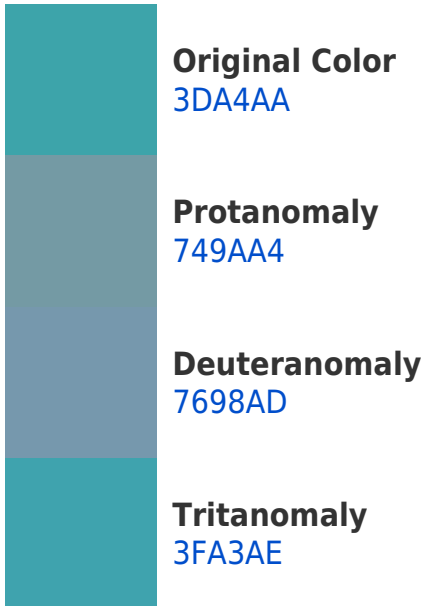
## Dichromacy



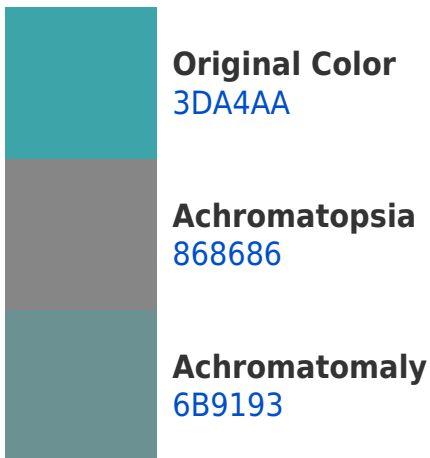


**Tritanopia**  
40A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3DA4AA 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 #3DA4AA looks like.

```
.text, #text, p{  
    color:#3DA4AA  
}
```

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 #3DA4AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3DA4AA
}
```

## Border

The CSS property to change the border of an element to Hex 3DA4AA 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
#3DA4AA }
```

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

```
.border{ border-color:#3DA4AA }
```

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

Here you see how a box with a 4 pixel #3DA4AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3DA4AA; -webkit-box-shadow:4px 4px  
4px 4px #3DA4AA; box-shadow:4px 4px 4px  
4px #3DA4AA }
```

# Background

The CSS property to change the background color of an element to Hex 3DA4AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3DA4AA }
```

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

```
.background{ background-color:#3DA4AA }
```

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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