

Converting Colors

Hex(3CA3AA)

Have a look what the booklet for
Hex(3CA3AA) contains.

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Color

Hex(3CA3AA)

Conversions

Conversions Part 1

Format	Color
Hex	3CA3AA
RGB	60, 163, 170
RGB Percent	24%, 64%, 67%
CMY	0.7647, 0.3608, 0.3333
CMYK	0.65, 0.04, 0.00, 0.33
HSL	184°, 48%, 45%
HSV	184°, 65%, 67%
XYZ	22.2164, 30.0573, 42.6609
YIQ	133.0010, -63.6350, -19.6590

Conversions

Conversions Part 2

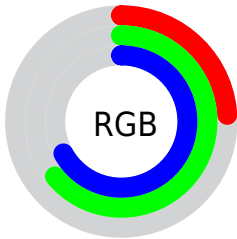
Format	Color
RYB	60, 113, 170
Decimal	3974058
CIELab	61.70, -26.93, -12.38
CIELCh	62, 29.639, 204.681
Yxy	30.0573, 0.2340, 0.3166
Android (android.graphics.Color)	4282164138 (0xFF3CA3AA)
YUV	133.0010, 18.2405, -64.0219
Hunter-Lab	54.8246, -23.6100, -7.7585




Details

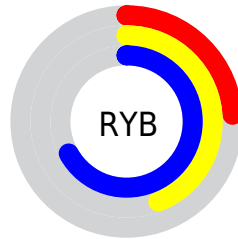
The Hex color **3CA3AA** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AA433C**, and the grayscale version is **858585**.




A 20% lighter version of the original color is **79DAE1**, and **006F76** is the 20% darker color. If you saturate the color by 10%, you get **2BA2AA**, and if you desaturate by 10%, it is **4DA4AA**.

Distribution







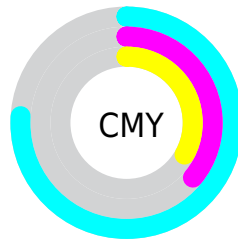
-  Red (24%)
-  Green (64%)
-  Blue (67%)






-  Red (24%)
-  Yellow (44%)
-  Blue (67%)



-  Cyan (65%)
-  Magenta (4%)
-  Yellow (0%)
-  Black (33%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3CA3AA 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 3CA3AA by changing the saturation by 10% instead.

 3CA3AA

 3CA3AA

FFFFFF

 138890

 79DAE1

 006F76

 96F7FE

 00565D

 B3FFFF

 003E46

 D0FFFF

 00282F

 EEEFFF

 000D1B

 000000

 3CA3AA

 3CA3AA

 2BA2AA

 4DA4AA

■ 1AA1AA

■ 5EA5AA

■ 09A0AA

■ 6FA6AA

■ 009FAA

■ 80A7AA

■ 91A8AA

■ A2A9AA

■ B3ABAA

■ C4ACAA

■ D5ADAA

Harmonies

Analogous

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



53A38F



3CA3AA



45A0BF

Triad

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



3CA3AA



B287B4



AB9261

Complementary

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



3CA3AA



AA433C

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.



BF896B



3CA3AA



C5829B

Square

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



3CA3AA



9290C5



C98280



919A65

Rectangle

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



3CA3AA



5D9CC7



C98280



B38F63

Sweetspot

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



3CA3AA



B4DBDE



3CAA41



566F70



F0F0F0



707070

Same Dimension

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



3CA3AA



31D3DE



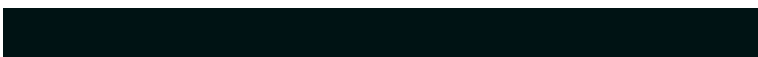
3C6EAA



4C5454



008A94



001314

Inverse Universe

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



AA3CA3



DE31D3



AA783C



544C54



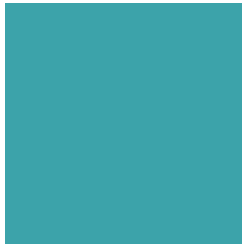
94008A



140013

Previews

White Background



This preview shows how the Hex color 3CA3AA looks on a white background.

Color Contrast Check

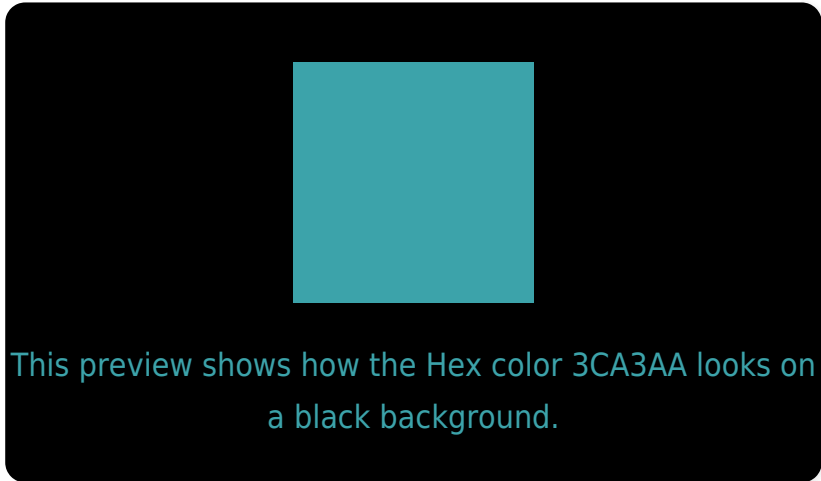
Large Text (above 18pt) WCAG AA ✓ Pass

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

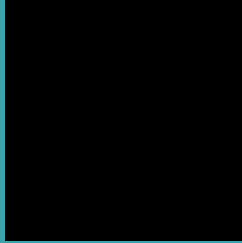
Any Text WCAG AA ✓ Pass

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 3CA3AA Background



This preview shows how black text looks on a background with the Hex color 3CA3AA.

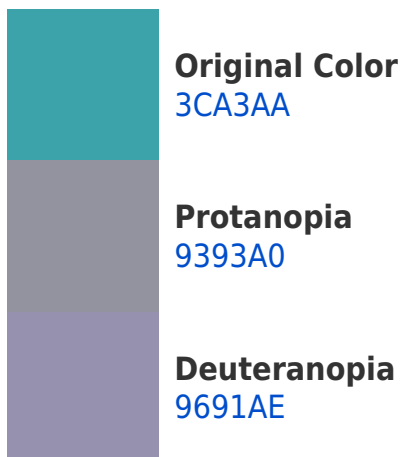


This preview shows how white text looks on a background with the Hex color 3CA3AA.

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](#).

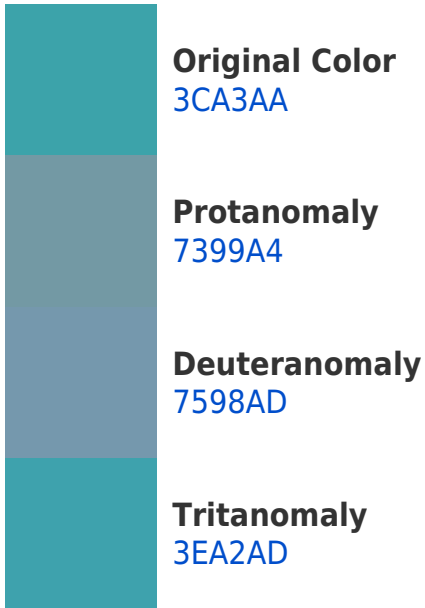
Dichromacy



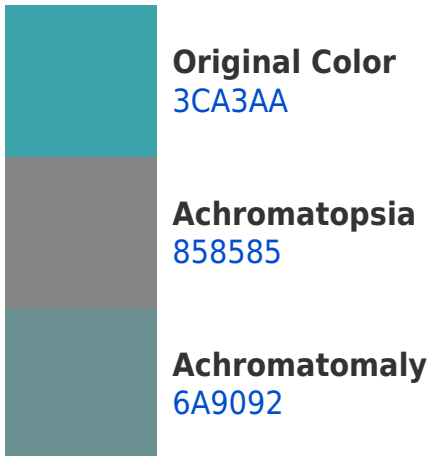


Tritanopia
3FA2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CA3AA 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 #3CA3AA looks like.

```
.text, #text, p{  
    color:#3CA3AA  
}
```

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 #3CA3AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA3AA
}
```

Border

The CSS property to change the border of an element to Hex 3CA3AA 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
#3CA3AA }
```

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

```
.border{ border-color:#3CA3AA }
```

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

Here you see how a box with a 4 pixel #3CA3AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA3AA; -webkit-box-shadow:4px 4px  
4px 4px #3CA3AA; box-shadow:4px 4px 4px  
4px #3CA3AA }
```

Background

The CSS property to change the background color of an element to Hex 3CA3AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA3AA }
```

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

```
.background{ background-color:#3CA3AA }
```

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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