

Converting Colors

Hex(3CAAC3)

Have a look what the booklet for
Hex(3CAAC3) contains.

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Color

Hex(3CAAC3)

Conversions

Conversions Part 1

Format	Color
Hex	3CAAC3
RGB	60, 170, 195
RGB Percent	24%, 67%, 76%
CMY	0.7647, 0.3333, 0.2353
CMYK	0.69, 0.13, 0.00, 0.24
HSL	191°, 53%, 50%
HSV	191°, 69%, 76%
XYZ	26.0885, 33.6502, 56.7499
YIQ	139.9600, -73.5850, -15.5450

Conversions

Conversions Part 2

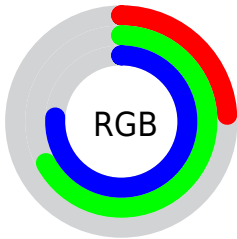
Format	Color
R _{YB}	60, 121, 195
Decimal	3975875
CIE _{Lab}	64.68, -22.83, -21.84
CIE _{LCh}	65, 31.598, 223.730
Yxy	33.6502, 0.2240, 0.2889
Android (android.graphics.Color)	4282165955 (0xFF3CAAC3)
YUV	139.9600, 27.1347, -70.1249
Hunter-Lab	58.0088, -21.2380, -17.3971

Details

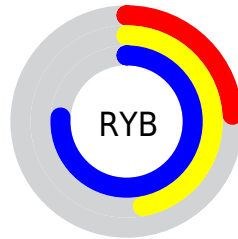
The Hex color **3CAAC3** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C3553C**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **7CE1FC**, and **00768D** is the 20% darker color. If you saturate the color by 10%, you get **29A6C3**, and if you desaturate by 10%, it is **50AEC3**.

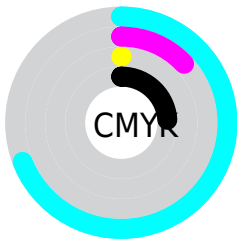
Distribution



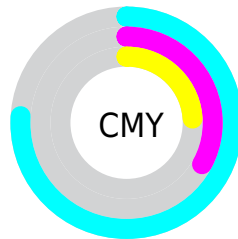
- Red (24%)
- Green (67%)
- Blue (76%)



- Red (24%)
- Yellow (47%)
- Blue (76%)



- Cyan (69%)
- Magenta (13%)
- Yellow (0%)
- Black (24%)



- Cyan (76%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CAAC3 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 3CAAC3 by changing the saturation by 10% instead.

 3CAAC3

 3CAAC3

FFFFFF

 088FA8

 7CE1FC

 00768D

 9AFEFF

 005D74

 B7FFFF

 00455B

 D5FFFF

 002E43

 F3FFFF

 001B2D

 000118

 000000

 3CAAC3

 3CAAC3

■ 29A6C3

■ 50AEC3

■ 15A3C3

■ 63B1C3

■ 029FC3

■ 77B5C3

■ 009FC3

■ 8AB8C3

■ 9EBCC3

■ B1C0C3

■ C5C3C3

■ D8C7C3

■ ECCBC3

Harmonies

Analogous

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



42ACA9



3CAAC3



5EA4D2

Triad

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



3CAAC3



CB89AD



A39F65

Complementary

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



3CAAC3



C3553C

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.



BE9667



3CAAC3



D58891

Square

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



3CAAC3



B191C6



D08D77



84A773

Rectangle

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



3CAAC3



7C9ED5



D08D77



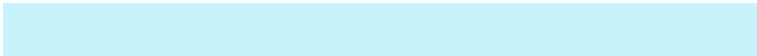
AD9C64

Sweetspot

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



3CAAC3



C7F3FC



3CC355



607A80



000000



808080

Same Dimension

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



3CAAC3



2BD6FC



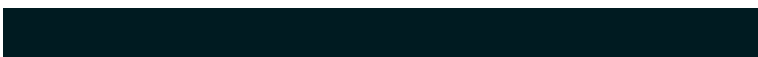
3C67C3



575F61



0083A1



001B21

Inverse Universe

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



C33CAA



FC2BD6



C3983C



61575F



A10083



21001B

Previews

White Background



This preview shows how the Hex color 3CAAC3 looks on a white background.

Color Contrast Check

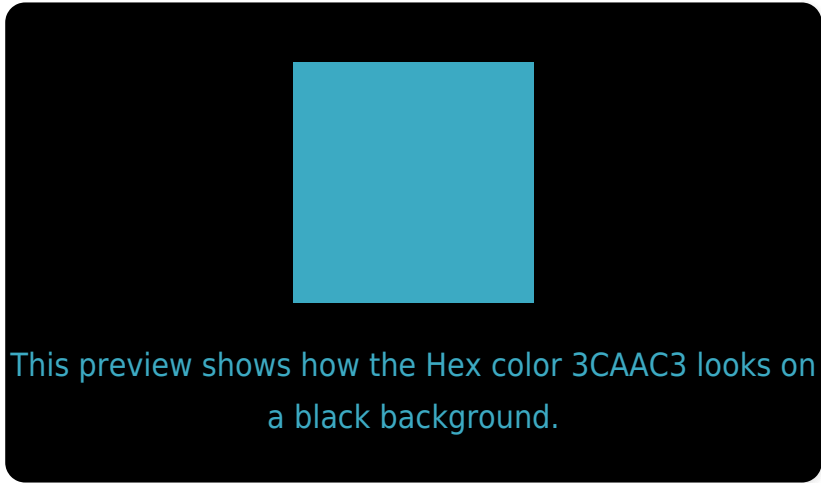
Large Text (above 18pt) WCAG AA × Fail

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

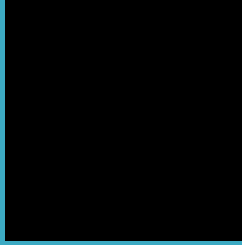
Any Text WCAG AA ✓ Pass

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 3CAAC3 Background



This preview shows how black text looks on a background with the Hex color 3CAAC3.

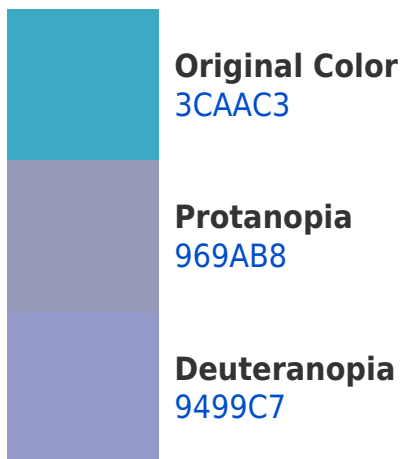


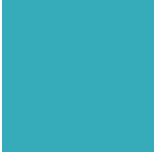
This preview shows how white text looks on a background with the Hex color 3CAAC3.

Color Blindness Simulation

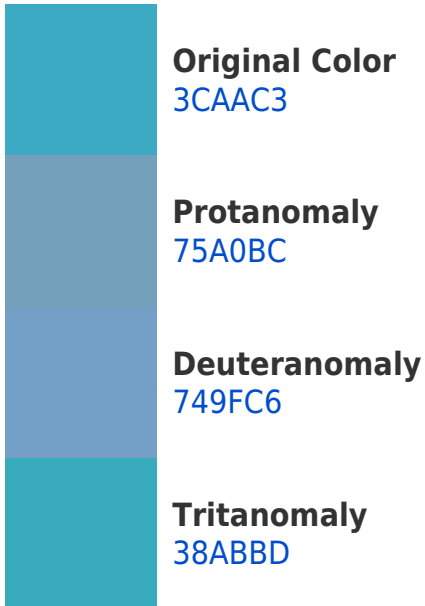
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

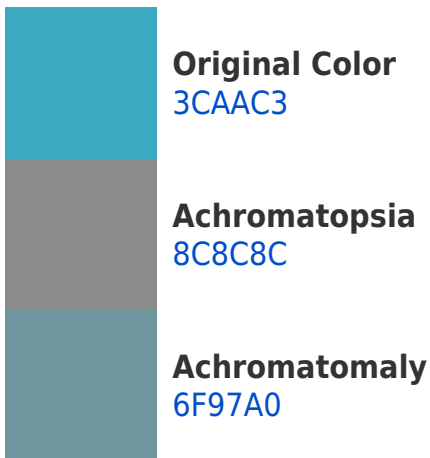




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3CAAC3 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 #3CAAC3 looks like.

```
.text, #text, p{  
    color:#3CAAC3  
}
```

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 #3CAAC3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CAAC3
}
```

Border

The CSS property to change the border of an element to Hex 3CAAC3 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
#3CAAC3 }
```

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

```
.border{ border-color:#3CAAC3 }
```

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

Here you see how a box with a 4 pixel #3CAAC3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CAAC3; -webkit-box-shadow:4px 4px  
4px 4px #3CAAC3; box-shadow:4px 4px 4px  
4px #3CAAC3 }
```

Background

The CSS property to change the background color of an element to Hex 3CAAC3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CAAC3 }
```

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

```
.background{ background-color:#3CAAC3 }
```

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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