

# Converting Colors

Hex(3CA6BE)

Have a look what the booklet for  
Hex(3CA6BE) contains.

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# Color

Hex(3CA6BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	3CA6BE
RGB	60, 166, 190
RGB Percent	24%, 65%, 75%
CMY	0.7647, 0.3490, 0.2549
CMYK	0.68, 0.13, 0.00, 0.25
HSL	191°, 52%, 49%
HSV	191°, 68%, 75%
XYZ	24.7940, 31.9508, 53.5755
YIQ	137.0420, -70.8800, -15.0080

# Conversions

## Conversions Part 2

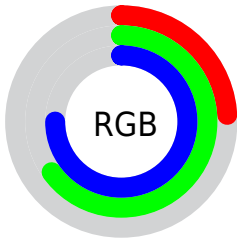
Format	Color
R <sub>YB</sub>	60, 118, 190
Decimal	3974846
CIE <sub>Lab</sub>	63.30, -22.34, -21.17
CIE <sub>LCh</sub>	63, 30.777, 223.450
Yxy	31.9508, 0.2247, 0.2896
Android (android.graphics.Color)	4282164926 (0xFF3CA6BE)
YUV	137.0420, 26.1083, -67.5658
Hunter-Lab	56.5250, -20.6222, -16.6287

# Details

The Hex color **3CA6BE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BE543C**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **7BDDF6**, and **007289** is the 20% darker color. If you saturate the color by 10%, you get **29A2BE**, and if you desaturate by 10%, it is **4FAABE**.

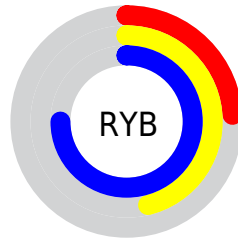
# Distribution



Red (24%)

Green (65%)

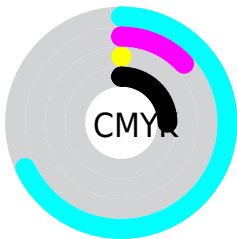
Blue (75%)



Red (24%)

Yellow (46%)

Blue (75%)

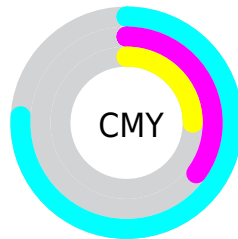


Cyan (68%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (76%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3CA6BE 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 3CA6BE by changing the saturation by 10% instead.



■ 3CA6BE

■ 3CA6BE

FFFFFF

■ 0C8BA3

■ 7BDDF6

■ 007289

■ 98FAFF

■ 00596F

■ B6FFFF

■ 004157

■ D4FFFF

■ 002B3F

■ F2FFFF

■ 001629

■ 000114

■ 000000

■ 3CA6BE

■ 3CA6BE

■ 29A2BE

■ 4FAABE

■ 169FBE

■ 62ADBE

■ 039BBE

■ 75B1BE

■ 009BBE

■ 88B4BE

■ 9BB8BE

■ AEBBBE

■ C1BFBE

■ D4C2BE

■ E7C6BE

# Harmonies

## Analogous

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



42A8A5



3CA6BE



5CA0CD

# Triad

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



3CA6BE



C586AA



A09B63

# Complementary

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



3CA6BE



BE543C

# 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.



B99265



3CA6BE



CF858E

# Square

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



3CA6BE



AC8EC1



CB8A75



81A371

# Rectangle

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



3CA6BE



799BD0



CB8A75



A99962



# Sweetspot

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



3CA6BE



C3EEF7



3CBE54



5E777D



FCFCFC



7D7D7D



# Same Dimension

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



3CA6BE



2DD2F7



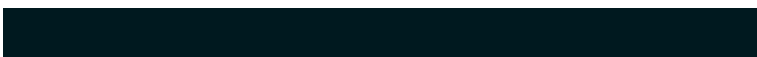
3C65BE



555D5E



00819E



00191F



# Inverse Universe

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



BE3CA6



F72DD2



BE953C



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color 3CA6BE looks on a white background.

## Color Contrast Check

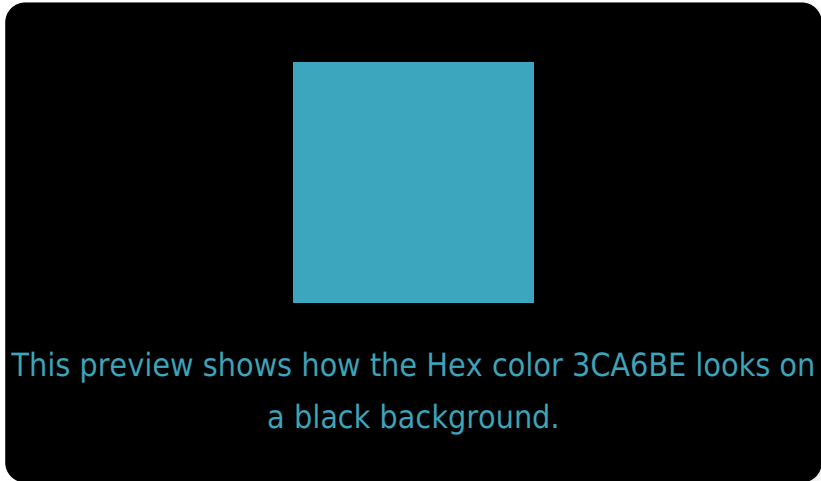
Large Text (above 18pt) WCAG AA × Fail

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

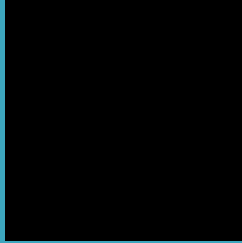
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3CA6BE Background



This preview shows how black text looks on a background with the Hex color 3CA6BE.

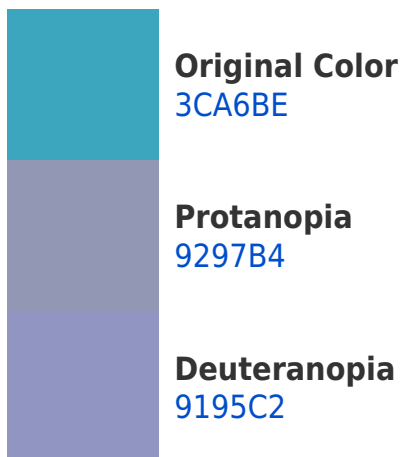


This preview shows how white text looks on a background with the Hex color 3CA6BE.

# 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](#).

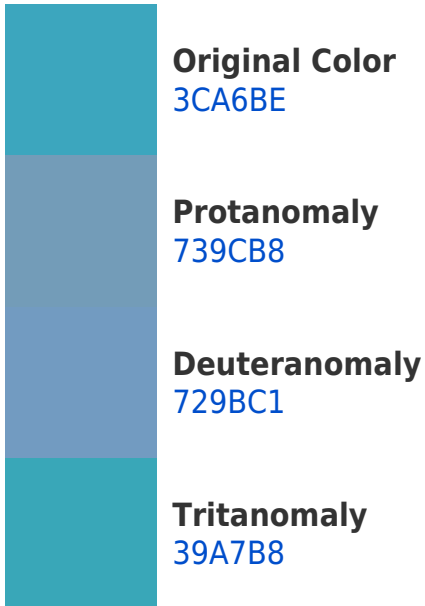
## Dichromacy





**Tritanopia**  
37A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3CA6BE 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 #3CA6BE looks like.

```
.text, #text, p{  
    color:#3CA6BE  
}
```

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 #3CA6BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CA6BE
}
```

## Border

The CSS property to change the border of an element to Hex 3CA6BE 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
#3CA6BE }
```

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

```
.border{ border-color:#3CA6BE }
```

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

Here you see how a box with a 4 pixel #3CA6BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CA6BE; -webkit-box-shadow:4px 4px  
4px 4px #3CA6BE; box-shadow:4px 4px 4px  
4px #3CA6BE }
```

# Background

The CSS property to change the background color of an element to Hex 3CA6BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CA6BE }
```

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

```
.background{ background-color:#3CA6BE }
```

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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