

# Converting Colors

Hex(3BA3BE)

Have a look what the booklet for  
Hex(3BA3BE) contains.

<b>Hex(3BA3BE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(3BA3BE)

# Conversions

## Conversions Part 1

Format	Color
Hex	3BA3BE
RGB	59, 163, 190
RGB Percent	23%, 64%, 75%
CMY	0.7686, 0.3608, 0.2549
CMYK	0.69, 0.14, 0.00, 0.25
HSL	192°, 53%, 49%
HSV	192°, 69%, 75%
XYZ	24.1951, 30.8419, 53.3931
YIQ	134.9820, -70.6510, -13.6510

# Conversions

## Conversions Part 2

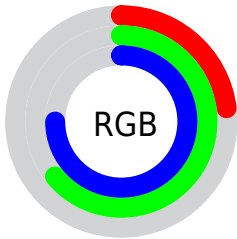
<b>Format</b>	<b>Color</b>
<b>RYB</b>	59, 117, 190
Decimal	3908542
CIELab	62.37, -20.94, -22.59
CIELCh	62, 30.797, 227.173
Yxy	30.8419, 0.2231, 0.2844
Android (android.graphics.Color)	4282098622 (0xFF3BA3BE)
YUV	134.9820, 27.1239, -66.6362
Hunter-Lab	55.5355, -19.4202, -18.1279

# Details

The Hex color **3BA3BE** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BE563B**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7ADAF6**, and **006F89** is the 20% darker color. If you saturate the color by 10%, you get **289FBE**, and if you desaturate by 10%, it is **4EA7BE**.

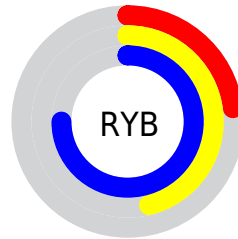
# Distribution



Red (23%)

Green (64%)

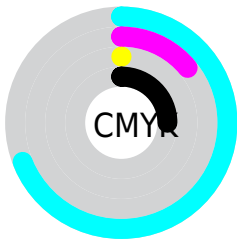
Blue (75%)



Red (23%)

Yellow (46%)

Blue (75%)

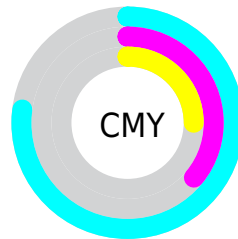


Cyan (69%)

Magenta (14%)

Yellow (0%)

Black (25%)



Cyan (77%)

Magenta (36%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BA3BE 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 3BA3BE by changing the saturation by 10% instead.



■ 3BA3BE

■ 3BA3BE

FFFFFF

■ 0989A3

■ 7ADAF6

■ 006F89

■ 98F7FF

■ 00566F

■ B5FFFF

■ 003F57

■ D3FFFF

■ 00293F

■ F1FFFF

■ 001229

■ 000114

■ 000000

■ 3BA3BE

■ 3BA3BE

■ 289FBE

■ 4EA7BE

■ 159BBE

■ 61ABBE

■ 0297BE

■ 74AFBE

■ 0097BE

■ 87B3BE

■ 9AB7BE

■ ADBABE

■ C0BEBE

■ D3C2BE

■ E6C6BE

# Harmonies

## Analogous

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



3CA6A6



3BA3BE



5F9DCC

# Triad

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



3BA3BE



C583A4



9A9A62

# Complementary

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



3BA3BE



BE563B

# 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.



B49162



3BA3BE



CD8288

# Square

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



3BA3BE



AE8ABC



C68870



7BA171

# Rectangle

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



3BA3BE



7C97CD



C68870



A39760

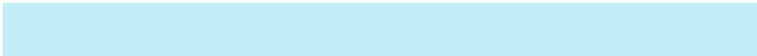


# Sweetspot

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



3BA3BE



C3EDF7



3BBE55



5E777D



FCFCFC



7D7D7D



# Same Dimension

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



3BA3BE



2ACDF7



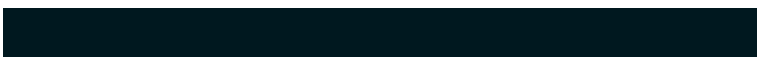
3B62BE



555C5E



007E9E



00181F



# Inverse Universe

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



BE3BA3



F72ACD



BE973B



5E555C



9E007E



1F0018



# Previews

## White Background



This preview shows how the Hex color 3BA3BE looks on a white background.

## Color Contrast Check

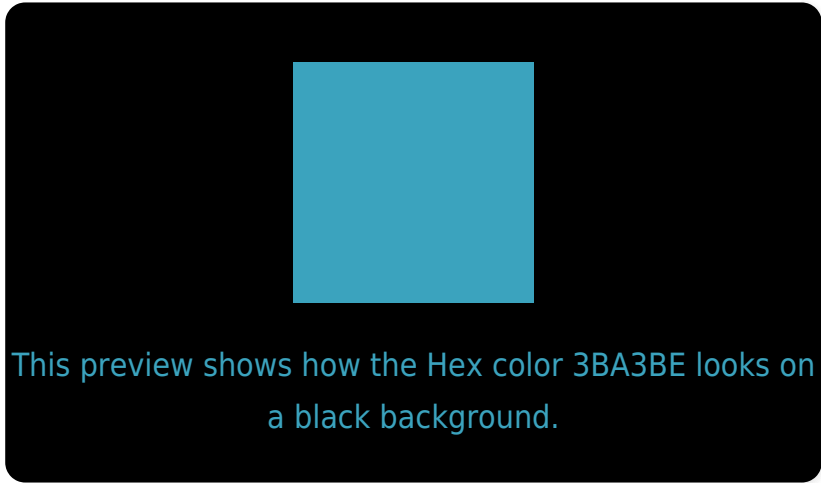
Large Text (above 18pt) WCAG AA × Fail

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

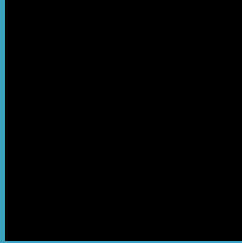
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BA3BE Background



This preview shows how black text looks on a background with the Hex color 3BA3BE.

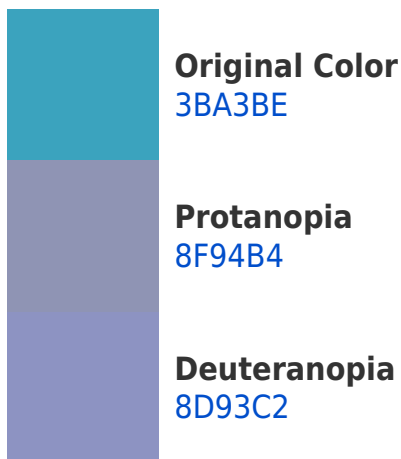


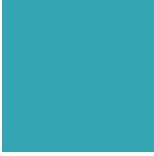
This preview shows how white text looks on a background with the Hex color 3BA3BE.

# 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](#).

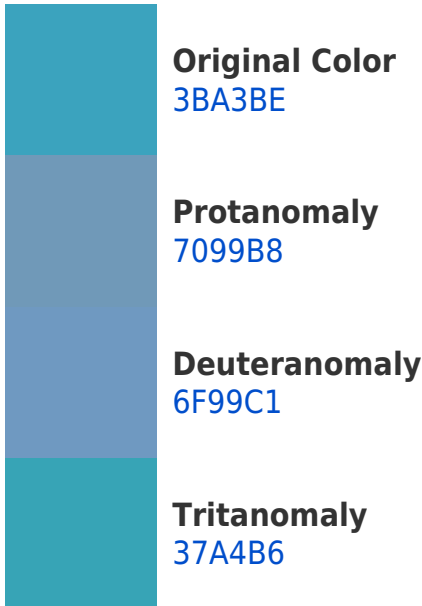
## Dichromacy



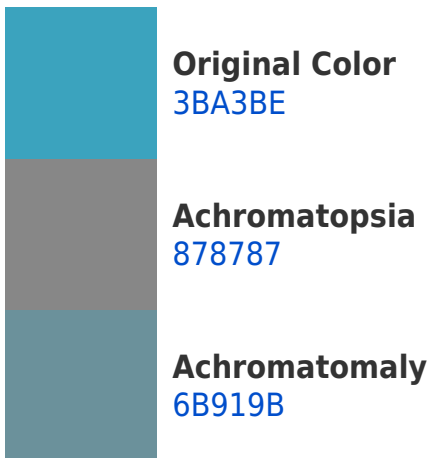


**Tritanopia**  
34A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BA3BE 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 #3BA3BE looks like.

```
.text, #text, p{  
    color:#3BA3BE  
}
```

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 #3BA3BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BA3BE
}
```

## Border

The CSS property to change the border of an element to Hex 3BA3BE 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
#3BA3BE }
```

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

```
.border{ border-color:#3BA3BE }
```

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

Here you see how a box with a 4 pixel #3BA3BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BA3BE; -webkit-box-shadow:4px 4px  
4px 4px #3BA3BE; box-shadow:4px 4px 4px  
4px #3BA3BE }
```

# Background

The CSS property to change the background color of an element to Hex 3BA3BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BA3BE }
```

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

```
.background{ background-color:#3BA3BE }
```

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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