

# Converting Colors

Hex(38A3BB)

Have a look what the booklet for  
Hex(38A3BB) contains.

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# **Color**

**Hex(38A3BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38A3BB
RGB	56, 163, 187
RGB Percent	22%, 64%, 73%
CMY	0.7804, 0.3608, 0.2667
CMYK	0.70, 0.13, 0.00, 0.27
HSL	191°, 54%, 48%
HSV	191°, 70%, 73%
XYZ	23.6977, 30.6230, 51.6755
YIQ	133.7430, -71.4760, -15.2200

# Conversions

## Conversions Part 2

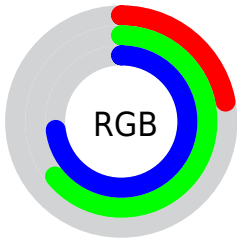
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	56, 115, 187
Decimal	3711931
CIE Lab	62.19, -22.32, -21.20
CIE LCh	62, 30.782, 223.522
Yxy	30.6230, 0.2236, 0.2889
Android (android.graphics.Color)	4281902011 (0xFF38A3BB)
YUV	133.7430, 26.2557, -68.1806
Hunter-Lab	55.3380, -20.4015, -16.6293

# Details

The Hex color **38A3BB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BB5038**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **78DAF3**, and **006F86** is the 20% darker color. If you saturate the color by 10%, you get **25A0BB**, and if you desaturate by 10%, it is **4BA6BB**.

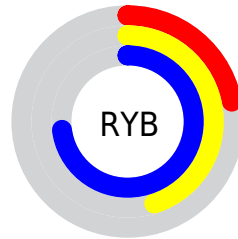
# Distribution



Red (22%)

Green (64%)

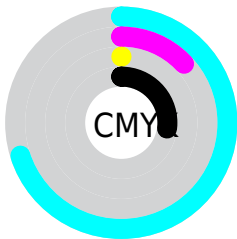
Blue (73%)



Red (22%)

Yellow (45%)

Blue (73%)

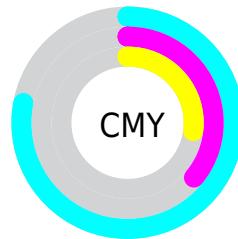


Cyan (70%)

Magenta (13%)

Yellow (0%)

Black (27%)



Cyan (78%)

Magenta (36%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38A3BB 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 38A3BB by changing the saturation by 10% instead.



 38A3BB

 38A3BB

FFFFFF

 0089A0

 78DAF3

 006F86

 95F7FF

 00566C

 B3FFFF

 003F54

 D0FFFF

 00283D

 EFFFFFF

 001027

 000111

 000000

 38A3BB

 38A3BB

■ 25A0BB

■ 4BA6BB

■ 139CBB

■ 5DAABB

■ 0099BB

■ 70ADBB

■ 83B1BB

■ 95B4BB

■ A8B8BB

■ BBBBBB

■ CEBEBB

■ E0C2BB

# Harmonies

## Analogous

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



3EA5A2



38A3BB



599DCA

# Triad

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



38A3BB



C283A6



9D9961

# Complementary

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



38A3BB



BB5038

# 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.



B68F62



38A3BB



CC828B

# Square

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



38A3BB



A98BBE



C78772



7EA06E

# Rectangle

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



38A3BB



7698CC



C78772



A6965F



# Sweetspot

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



38A3BB



BFE9F2



38BB4E



5C757A



FAFAFA



7A7A7A



# Same Dimension

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



38A3BB



27CDF2



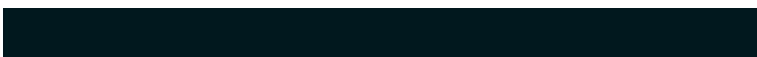
3864BB



555D5E



00819E



00191F



# Inverse Universe

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



BB38A3



F227CD



BB8F38



5E555D



9E0081



1F0019



# Previews

## White Background



This preview shows how the Hex color 38A3BB looks on a white background.

## Color Contrast Check

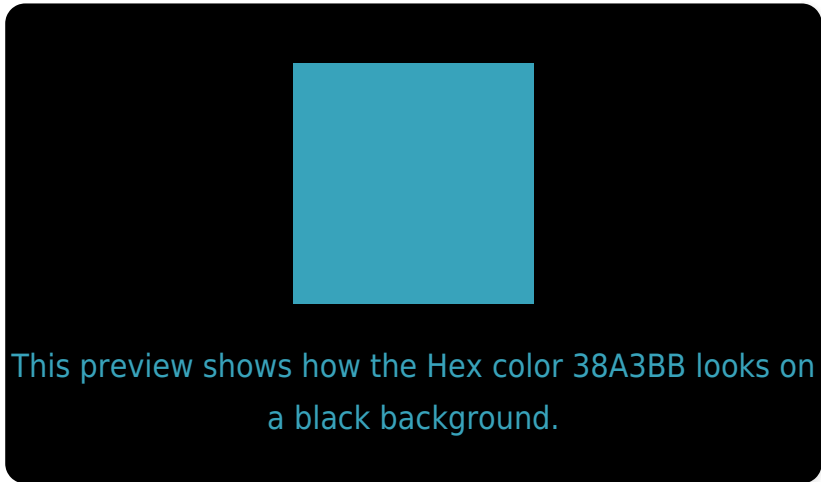
Large Text (above 18pt) WCAG AA × Fail

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

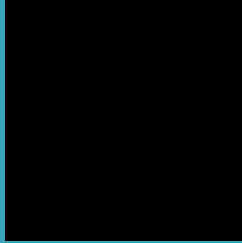
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 38A3BB Background



This preview shows how black text looks on a background with the Hex color 38A3BB.

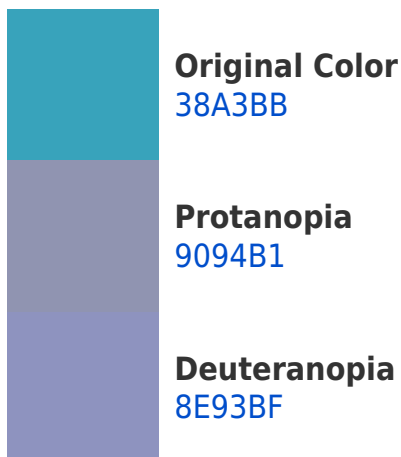


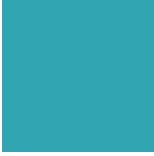
This preview shows how white text looks on a background with the Hex color 38A3BB.

# 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](#).

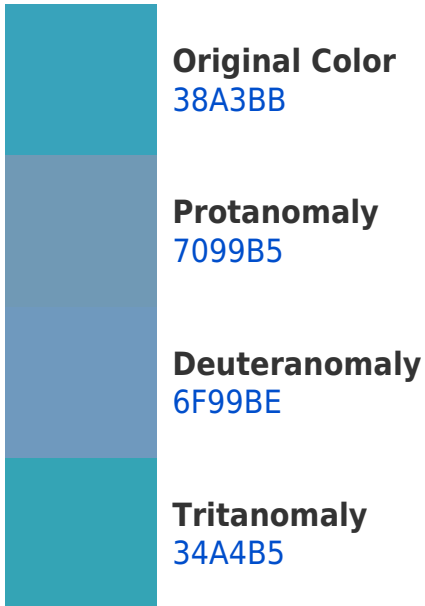
## Dichromacy



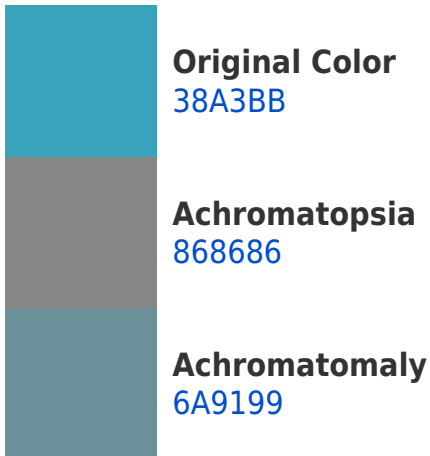


**Tritanopia**  
32A5B2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38A3BB 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 #38A3BB looks like.

```
.text, #text, p{  
    color:#38A3BB  
}
```

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 #38A3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A3BB
}
```

## Border

The CSS property to change the border of an element to Hex 38A3BB 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
#38A3BB }
```

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

```
.border{ border-color:#38A3BB }
```

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

Here you see how a box with a 4 pixel #38A3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A3BB; -webkit-box-shadow:4px 4px  
4px 4px #38A3BB; box-shadow:4px 4px 4px  
4px #38A3BB }
```

# Background

The CSS property to change the background color of an element to Hex 38A3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A3BB }
```

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

```
.background{ background-color:#38A3BB }
```

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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