

Converting Colors

Hex(38A5BC)

Have a look what the booklet for
Hex(38A5BC) contains.

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Color

Hex(38A5BC)

Conversions

Conversions Part 1

Format	Color
Hex	38A5BC
RGB	56, 165, 188
RGB Percent	22%, 65%, 74%
CMY	0.7804, 0.3529, 0.2627
CMYK	0.70, 0.12, 0.00, 0.26
HSL	190°, 54%, 48%
HSV	190°, 70%, 74%
XYZ	24.1631, 31.3819, 52.3607
YIQ	135.0310, -72.3470, -15.9550

Conversions

Conversions Part 2

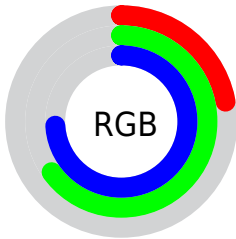
Format	Color
R _Y B	56, 116, 188
Decimal	3712444
CIE Lab	62.83, -23.03, -20.78
CIE LCh	63, 31.023, 222.054
Yxy	31.3819, 0.2239, 0.2908
Android (android.graphics.Color)	4281902524 (0xFF38A5BC)
YUV	135.0310, 26.1137, -69.3102
Hunter-Lab	56.0195, -21.0410, -16.2039

Details

The Hex color **38A5BC** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BC4F38**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **78DCF4**, and **007187** is the 20% darker color. If you saturate the color by 10%, you get **25A2BC**, and if you desaturate by 10%, it is **4BA8BC**.

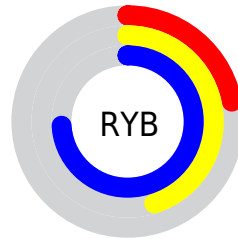
Distribution



Red (22%)

Green (65%)

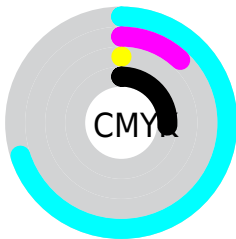
Blue (74%)



Red (22%)

Yellow (45%)

Blue (74%)

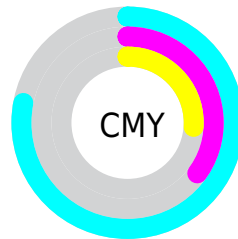


Cyan (70%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (78%)

Magenta (35%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38A5BC 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 38A5BC by changing the saturation by 10% instead.

 38A5BC

 38A5BC

FFFFFF

 008BA1

 78DCF4

 007187

 96F9FF

 00586D

 B3FFFF

 004055

 D1FFFF

 002A3E

 EFFFFFFF

 001328

 000112

 000000

 38A5BC

 38A5BC

■ 25A2BC

■ 4BA8BC

■ 129EBC

■ 5EACBC

■ 009BBC

■ 70AFBC

■ 83B2BC

■ 96B5BC

■ A9B9BC

■ BCBCBC

■ CEBFBC

■ E1C2BC

Harmonies

Analogous

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



40A7A3



38A5BC



589FCC

Triad

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



38A5BC



C485AA



A09A62

Complementary

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



38A5BC



BC4F38

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.



B99164



38A5BC



CE838E

Square

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



38A5BC



AA8DC1



CA8874



81A16E

Rectangle

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



38A5BC



759ACF



CA8874



A99761

Sweetspot

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



38A5BC



C1ECF5



38BC4E



5C757A



FAFAFA



7A7A7A

Same Dimension

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



38A5BC



27D1F5



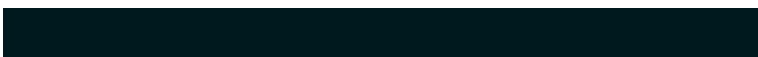
3864BC



555D5E



00839E



00191F

Inverse Universe

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



BC38A5



F527D1



BC9038



5E555D



9E0083



1F0019

Previews

White Background



This preview shows how the Hex color 38A5BC looks on a white background.

Color Contrast Check

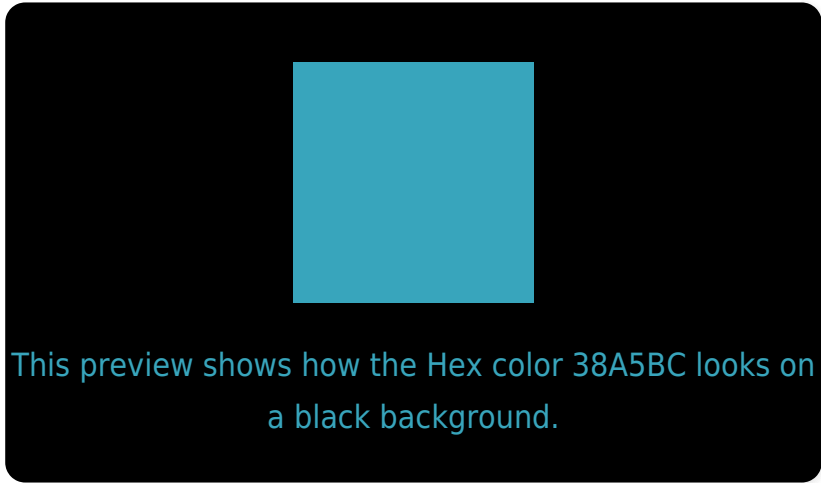
Large Text (above 18pt) WCAG AA × Fail

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

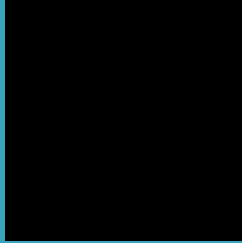
Any Text WCAG AA ✓ Pass

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 38A5BC Background



This preview shows how black text looks on a background with the Hex color 38A5BC.

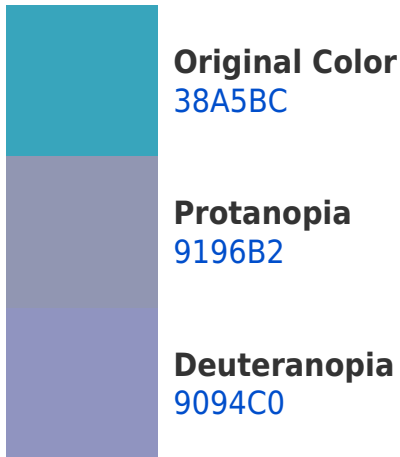


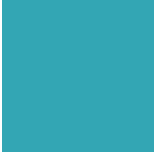
This preview shows how white text looks on a background with the Hex color 38A5BC.

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](#).

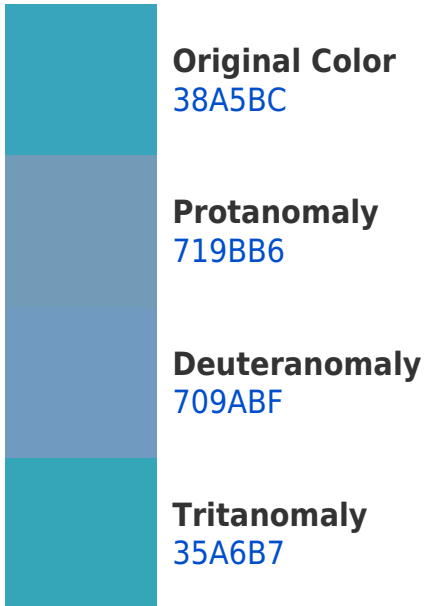
Dichromacy





Tritanopia
33A6B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38A5BC 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 #38A5BC looks like.

```
.text, #text, p{  
    color:#38A5BC  
}
```

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 #38A5BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38A5BC
}
```

Border

The CSS property to change the border of an element to Hex 38A5BC 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
#38A5BC }
```

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

```
.border{ border-color:#38A5BC }
```

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

Here you see how a box with a 4 pixel #38A5BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38A5BC; -webkit-box-shadow:4px 4px  
4px 4px #38A5BC; box-shadow:4px 4px 4px  
4px #38A5BC }
```

Background

The CSS property to change the background color of an element to Hex 38A5BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38A5BC }
```

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

```
.background{ background-color:#38A5BC }
```

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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