

Converting Colors

Hex(38BBAC)

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

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Color

Hex(38BBAC)

Conversions

Conversions Part 1

Format	Color
Hex	38BBAC
RGB	56, 187, 172
RGB Percent	22%, 73%, 67%
CMY	0.7804, 0.2667, 0.3255
CMYK	0.70, 0.00, 0.08, 0.27
HSL	173°, 54%, 48%
HSV	173°, 70%, 73%
XYZ	26.8476, 39.3600, 45.2119
YIQ	146.1210, -73.2610, -32.4370

Conversions

Conversions Part 2

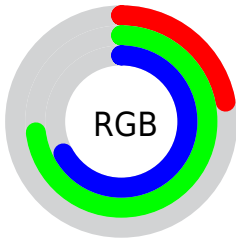
Format	Color
RYB	56, 125, 187
Decimal	3718060
CIELab	69.01, -38.36, -2.64
CIELCh	69, 38.454, 183.933
Yxy	39.3600, 0.2410, 0.3533
Android (android.graphics.Color)	4281908140 (0xFF38BBAC)
YUV	146.1210, 12.7583, -79.0361
Hunter-Lab	62.7375, -33.4042, 1.1888

Details

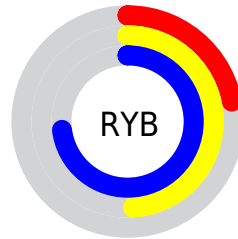
The Hex color **38BBAC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BB3847**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **79F4E3**, and **008578** is the 20% darker color. If you saturate the color by 10%, you get **25BBAA**, and if you desaturate by 10%, it is **4BBBAE**.

Distribution



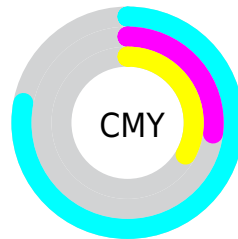
- Red (22%)
- Green (73%)
- Blue (67%)



- Red (22%)
- Yellow (49%)
- Blue (73%)



- Cyan (70%)
- Magenta (0%)
- Yellow (8%)
- Black (27%)



- Cyan (78%)
- Magenta (27%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 38BBAC

 38BBAC

FFFFFF

 00A091

 79F4E3

 008578

 97FFFF

 006B5F

 B5FFFF

 005248

 D3FFFF

 003A31

 F1FFFF

 00261C

 000002

 000000

 38BBAC

 38BBAC

■ 25BBAA

■ 4BBBAE

■ 13BBA8

■ 5DBBB0

■ 00BBA6

■ 70BBB2

■ 83BBB5

■ 95BBB7

■ A8BBB9

■ BBBBBB

■ CEBBBD

■ E0BBBF

Harmonies

Analogous

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



6BB889



38BBAC



00BACE

Triad

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



38BBAC



B29EE2



D89C6B

Complementary

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



38BBAC



BB3847

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.



EA9183



38BBAC



D892C8

Square

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



38BBAC



7DAAED



EB8DA5



BBA862

Rectangle

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



38BBAC



22B6E0



EB8DA5



DF9871

Sweetspot

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



38BBAC



BFF2EC



47BB38



5C7A77



FAFAFA



7A7A7A

Same Dimension

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



38BBAC



27F2DB



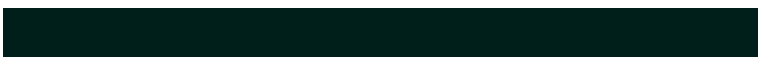
3889BB



555E5D



009E8C



001F1B

Inverse Universe

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



BB3847



F2273E



BB6A38



5E5556



9E0012



1F0004

Previews

White Background



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

Color Contrast Check

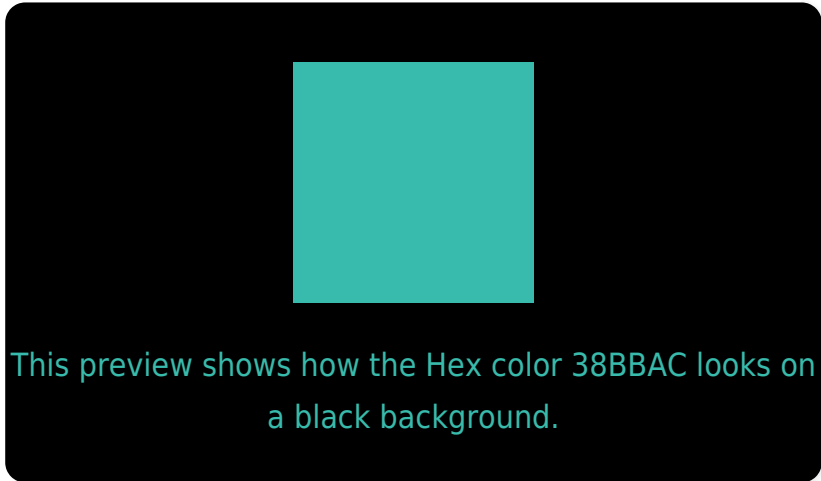
Large Text (above 18pt) WCAG AA × Fail

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

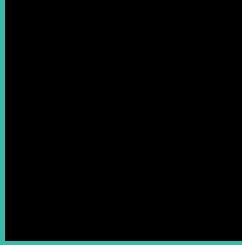
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

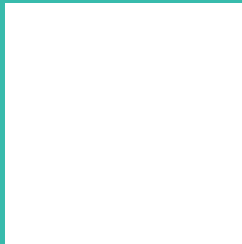
Any Text WCAG AAA ✓ Pass

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

Hex 38BBAC Background



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

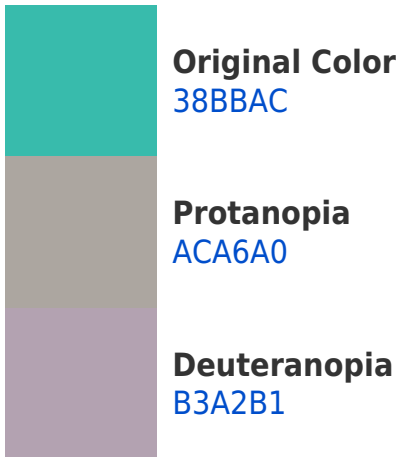


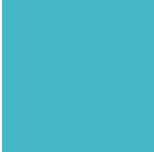
This preview shows how white text looks on a background with the Hex color 38BBAC.

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](#).

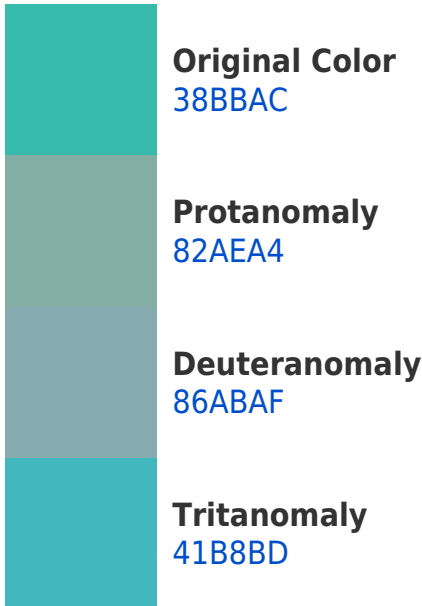
Dichromacy



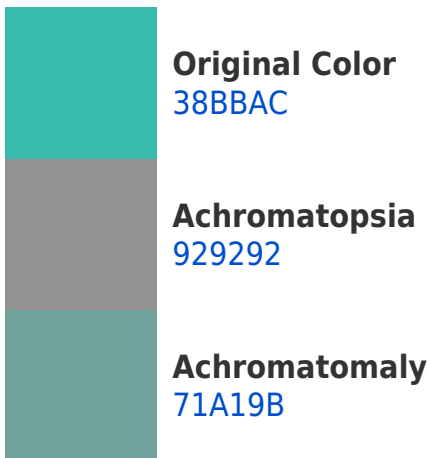


Tritanopia
46B7C6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #38BBAC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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