

Converting Colors

Hex(38B7A4)

Have a look what the booklet for
Hex(38B7A4) contains.

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Color

Hex(38B7A4)

Conversions

Conversions Part 1

Format	Color
Hex	38B7A4
RGB	56, 183, 164
RGB Percent	22%, 72%, 64%
CMY	0.7804, 0.2824, 0.3569
CMYK	0.69, 0.00, 0.10, 0.28
HSL	171°, 53%, 47%
HSV	171°, 69%, 72%
XYZ	25.2652, 37.3881, 41.0070
YIQ	142.8610, -69.5930, -32.8330

Conversions

Conversions Part 2

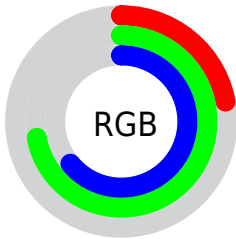
Format	Color
RYB	56, 125, 183
Decimal	3717028
CIELab	67.57, -38.72, -0.35
CIELCh	68, 38.717, 180.519
Yxy	37.3881, 0.2437, 0.3607
Android (android.graphics.Color)	4281907108 (0xFF38B7A4)
YUV	142.8610, 10.4215, -76.1771
Hunter-Lab	61.1458, -33.2496, 3.0396

Details

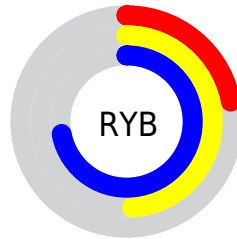
The Hex color **38B7A4** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **B7384B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **78F0DB**, and **008170** is the 20% darker color. If you saturate the color by 10%, you get **26B7A1**, and if you desaturate by 10%, it is **4AB7A7**.

Distribution



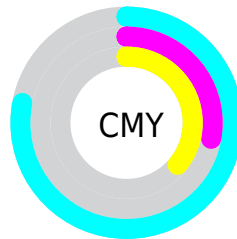
- Red (22%)
- Green (72%)
- Blue (64%)



- Red (22%)
- Yellow (49%)
- Blue (72%)



- Cyan (69%)
- Magenta (0%)
- Yellow (10%)
- Black (28%)



- Cyan (78%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 38B7A4 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 38B7A4 by changing the saturation by 10% instead.

 38B7A4

 38B7A4

FFFFFF

 009C8A

 78F0DB

 008170

 95FFF7

 006758

 B3FFFF

 004F41

 D1FFFF

 00372B

 EFFFFFFF

 002216

 000000

 38B7A4

 38B7A4

 26B7A1

 4AB7A7

■ 13B79F

■ 5DB7A9

■ 01B79C

■ 6FB7AC

■ 00B79C

■ 81B7AF

■ 94B7B2

■ A6B7B4

■ B8B7B7

■ CAB7BA

■ DDB7BD

Harmonies

Analogous

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



6CB481



38B7A4



00B6C7

Triad

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



38B7A4



A99BE1



D79669

Complementary

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



38B7A4



B7384B

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.



E78C83



38B7A4



D18FC7

Square

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



38B7A4



71A8EA



E689A5



BBA35E

Rectangle

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



38B7A4



00B3D9



E689A5



DE9370

Sweetspot

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



38B7A4



BBEDE6



4BB738



5A7873



F7F7F7



787878

Same Dimension

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



38B7A4



28EDD0



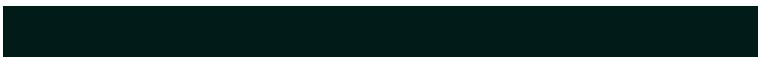
388BB7



535C5A



009C84



001C18

Inverse Universe

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



B7384B



ED2846



B76438



5C5354



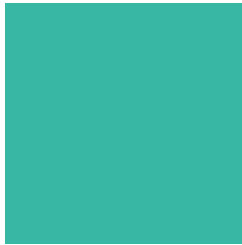
9C0017



1C0004

Previews

White Background



This preview shows how the Hex color 38B7A4 looks on a white background.

Color Contrast Check

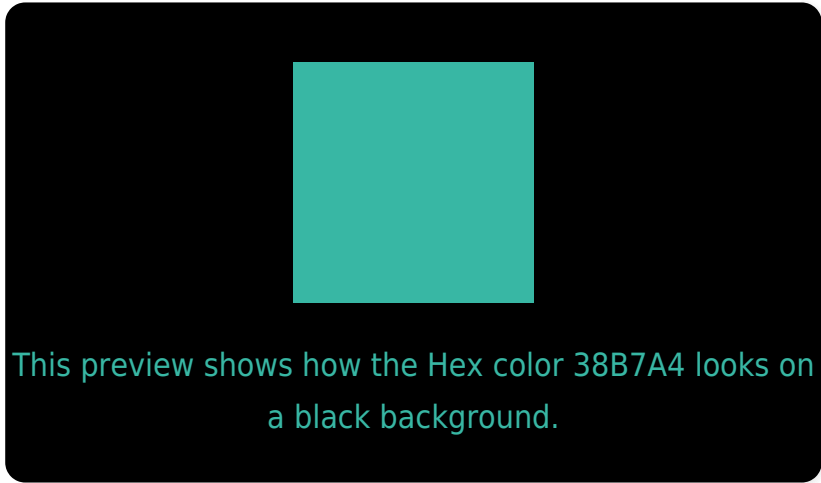
Large Text (above 18pt) WCAG AA × Fail

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

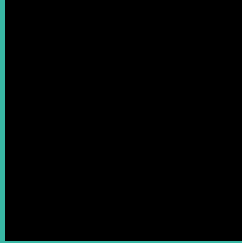
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

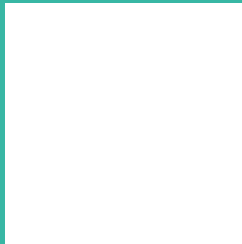
Any Text WCAG AAA ✓ Pass

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

Hex 38B7A4 Background



This preview shows how black text looks on a background with the Hex color 38B7A4.

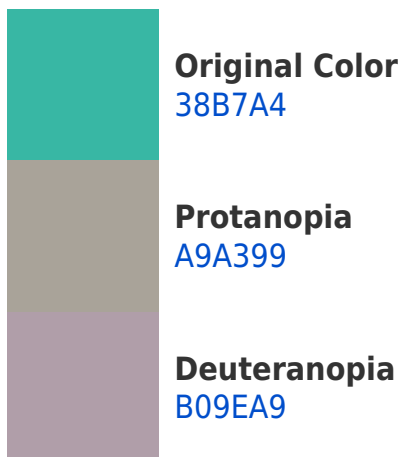


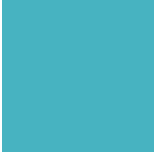
This preview shows how white text looks on a background with the Hex color 38B7A4.

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](#).

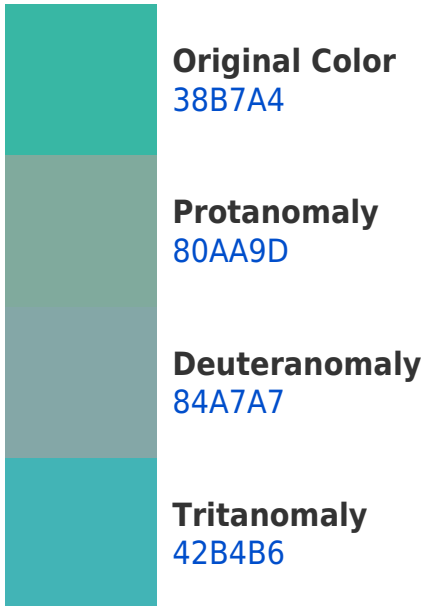
Dichromacy



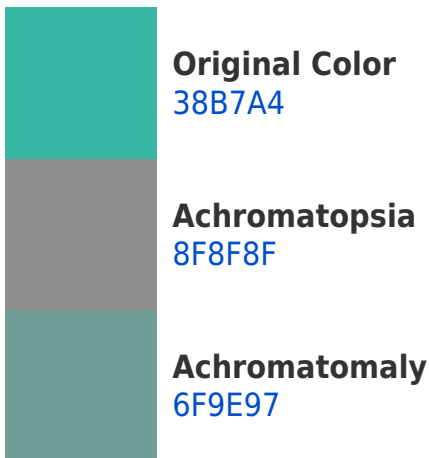


Tritanopia
47B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 38B7A4 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 #38B7A4 looks like.

```
.text, #text, p{  
    color:#38B7A4  
}
```

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 #38B7A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38B7A4  
}
```

Border

The CSS property to change the border of an element to Hex 38B7A4 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  
#38B7A4 }
```

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

```
.border{ border-color:#38B7A4 }
```

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

Here you see how a box with a 4 pixel #38B7A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38B7A4; -webkit-box-shadow:4px 4px  
4px 4px #38B7A4; box-shadow:4px 4px 4px  
4px #38B7A4 }
```

Background

The CSS property to change the background color of an element to Hex 38B7A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38B7A4 }
```

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

```
.background{ background-color:#38B7A4 }
```

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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