

Converting Colors

Hex(3B948A)

Have a look what the booklet for
Hex(3B948A) contains.

Hex(3B948A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3B948A)

Conversions

Conversions Part 1

Format	Color
Hex	3B948A
RGB	59, 148, 138
RGB Percent	23%, 58%, 54%
CMY	0.7686, 0.4196, 0.4588
CMYK	0.60, 0.00, 0.07, 0.42
HSL	173°, 43%, 41%
HSV	173°, 60%, 58%
XYZ	16.9810, 23.9446, 27.7715
YIQ	120.2490, -49.8340, -21.9780

Conversions

Conversions Part 2

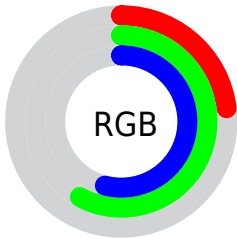
Format	Color
R_{YB}	59, 106, 148
Decimal	3904650
CIE _{Lab}	56.03, -28.88, -2.64
CIE _{LCh}	56, 28.997, 185.229
Yxy	23.9446, 0.2472, 0.3486
Android (android.graphics.Color)	4282094730 (0xFF3B948A)
YUV	120.2490, 8.7512, -53.7154
Hunter-Lab	48.9332, -23.6894, 0.6038

Details

The Hex color **3B948A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **943B45**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **74CABF**, and **006158** is the 20% darker color. If you saturate the color by 10%, you get **2C9488**, and if you desaturate by 10%, it is **4A948C**.

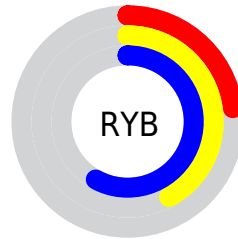
Distribution



Red (23%)

Green (58%)

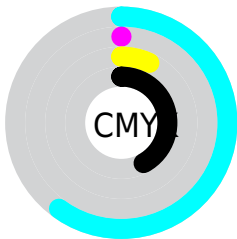
Blue (54%)



Red (23%)

Yellow (42%)

Blue (58%)

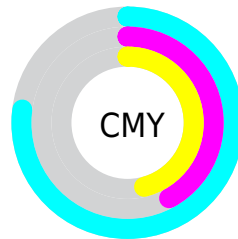


Cyan (60%)

Magenta (0%)

Yellow (7%)

Black (42%)



Cyan (77%)

Magenta (42%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B948A 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 3B948A by changing the saturation by 10% instead.

 3B948A

 3B948A

FFFFFF

 197A71

 74CABF

 006158

 90E7DB

 004841

 ACFFF8

 00312B

 C9FFFF

 001E16

 E6FFFF

 000000

 3B948A

 3B948A

 2C9488

 4A948C

 1D9487

 59948D

0F9485

67948F

009483

769491

859492

949494

A39496

B19497

C09499

Harmonies

Analogous

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



5A9270



3B948A



2A93A2

Triad

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



3B948A



8F7EAF



A97E59

Complementary

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



3B948A



943B45

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.



B6766A



3B948A



AA769C

Square

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



3B948A



6A87B8



B77383



938654

Rectangle

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



3B948A



3790AF



B77383



AE7B5E

Sweetspot

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



3B948A



9DBFBB



45943B



4C615F



E0E0E0



616161

Same Dimension

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



3B948A



36BFB0



3B7294



434A49



008A7A



000A09

Inverse Universe

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



943B45



BF3645



945D3B



4A4343



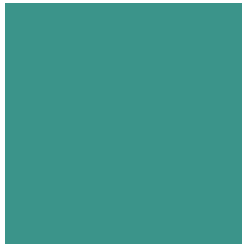
8A000F



0A0001

Previews

White Background



This preview shows how the Hex color 3B948A looks on a white background.

Color Contrast Check

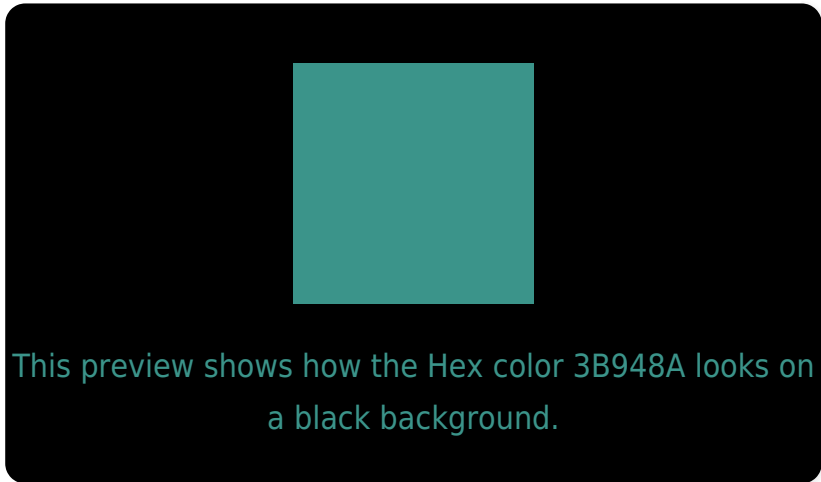
Large Text (above 18pt) WCAG AA ✓ Pass

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

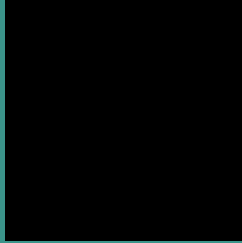
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3B948A Background



This preview shows how black text looks on a background with the Hex color 3B948A.

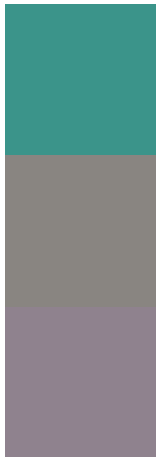


This preview shows how white text looks on a background with the Hex color 3B948A.

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



Original Color
3B948A

Protanopia
898581

Deuteranopia
8F828E



Tritanopia
43919D

Trichromacy



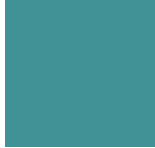
Original Color
3B948A



Protanomaly
6D8A84



Deuteranomaly
70898D



Tritanomaly
409296

Monochromacy



Original Color
3B948A



Achromatopsia
787878



Achromatomaly
62827F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B948A 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 #3B948A looks like.

```
.text, #text, p{  
    color:#3B948A  
}
```

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 #3B948A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B948A
}
```

Border

The CSS property to change the border of an element to Hex 3B948A 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
#3B948A }
```

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

```
.border{ border-color:#3B948A }
```

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

Here you see how a box with a 4 pixel #3B948A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B948A; -webkit-box-shadow:4px 4px  
4px 4px #3B948A; box-shadow:4px 4px 4px  
4px #3B948A }
```

Background

The CSS property to change the background color of an element to Hex 3B948A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B948A }
```

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

```
.background{ background-color:#3B948A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor