

Converting Colors

Hex(68B3A9)

Have a look what the booklet for
Hex(68B3A9) contains.

Hex(68B3A9)	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(68B3A9)

Conversions

Conversions Part 1

Format	Color
Hex	68B3A9
RGB	104, 179, 169
RGB Percent	41%, 70%, 66%
CMY	0.5922, 0.2980, 0.3373
CMYK	0.42, 0.00, 0.06, 0.30
HSL	172°, 33%, 55%
HSV	172°, 42%, 70%
XYZ	28.9905, 38.0478, 43.3521
YIQ	155.4350, -41.4900, -19.0100

Conversions

Conversions Part 2

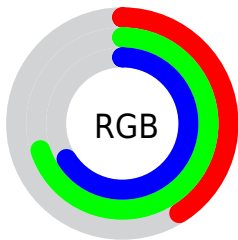
Format	Color
RYB	104, 144, 179
Decimal	6861737
CIELab	68.06, -25.74, -2.21
CIElCh	68, 25.834, 184.908
Yxy	38.0478, 0.2626, 0.3447
Android (android.graphics.Color)	4285051817 (0xFF68B3A9)
YUV	155.4350, 6.6875, -45.1085
Hunter-Lab	61.6829, -24.0516, 1.5077

Details

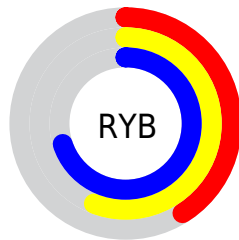
The Hex color **68B3A9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B36872**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9FEBE0**, and **317E75** is the 20% darker color. If you saturate the color by 10%, you get **56B3A7**, and if you desaturate by 10%, it is **7AB3AB**.

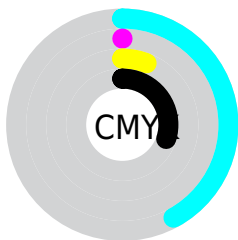
Distribution



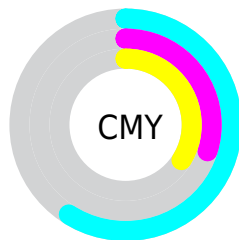
- Red (41%)
- Green (70%)
- Blue (66%)



- Red (41%)
- Yellow (56%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B3A9 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 68B3A9 by changing the saturation by 10% instead.



68B3A9



68B3A9

FFFFFF



4D988F



9FEBE0



317E75



BBFFFD



0F655C



D8FFFF



004C45



F5FFFF



00352F



00211A



000000



68B3A9



68B3A9



56B3A7



7AB3AB

■ 44B3A4

■ 8CB3AE

■ 32B3A2

■ 9EB3B0

■ 20B39F

■ B0B3B3

■ 0FB39D

■ C2B3B5

■ 00B39B

■ D3B3B7

■ E5B3BA

■ F7B3BC

■ FFB3BE

Harmonies

Analogous

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



7FB191



68B3A9



60B2C0

Triad

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



68B3A9



AE9FCC



C89E7C

Complementary

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



68B3A9



B36872

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.



D4978C



68B3A9



C798BA

Square

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



68B3A9



8EA7D4



D495A3



B3A677

Rectangle

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



68B3A9



68AFCB



D495A3



CD9B81

Sweetspot

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



68B3A9



CAE8E4



72B368



637573



F5F5F5



757575

Same Dimension

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



68B3A9



74E8D9



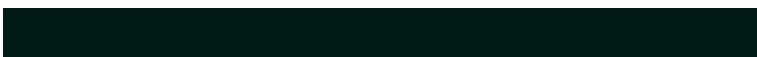
6897B3



505958



009985



001A16

Inverse Universe

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



B36872



E87483



B38468



595052



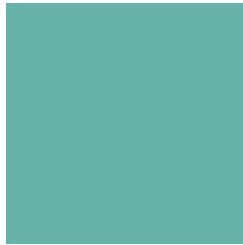
990014



1A0003

Previews

White Background



This preview shows how the Hex color 68B3A9 looks on a white background.

Color Contrast Check

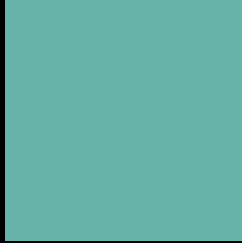
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 68B3A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

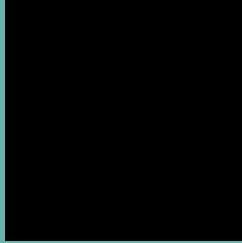
Any Text WCAG AA ✓ Pass

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 68B3A9 Background



This preview shows how black text looks on a background with the Hex color 68B3A9.

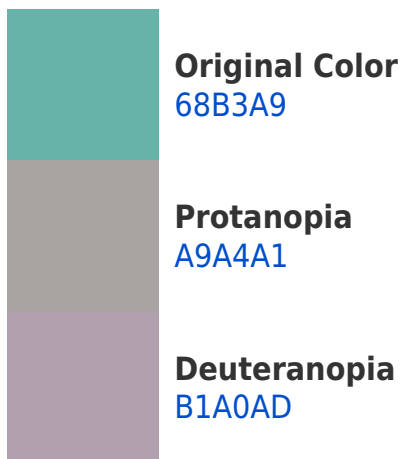


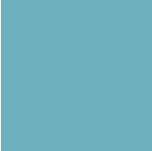
This preview shows how white text looks on a background with the Hex color 68B3A9.

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](#).

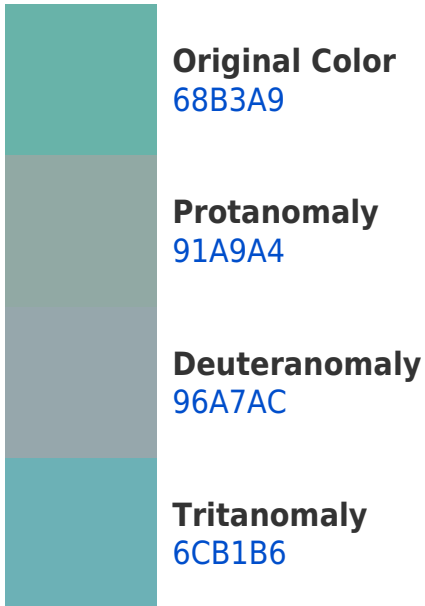
Dichromacy



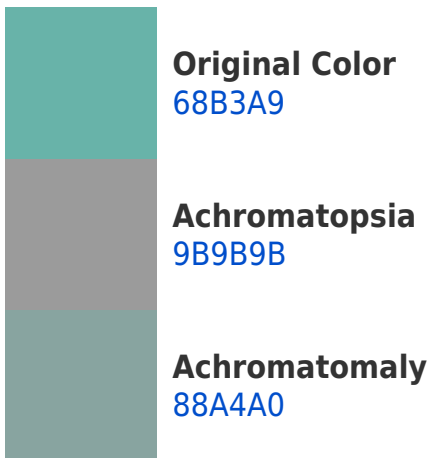


Tritanopia
6EBOBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B3A9 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 #68B3A9 looks like.

```
.text, #text, p{  
    color:#68B3A9  
}
```

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 #68B3A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B3A9
}
```

Border

The CSS property to change the border of an element to Hex 68B3A9 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
#68B3A9 }
```

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

```
.border{ border-color:#68B3A9 }
```

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

Here you see how a box with a 4 pixel #68B3A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B3A9; -webkit-box-shadow:4px 4px  
4px 4px #68B3A9; box-shadow:4px 4px 4px  
4px #68B3A9 }
```

Background

The CSS property to change the background color of an element to Hex 68B3A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B3A9 }
```

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

```
.background{ background-color:#68B3A9 }
```

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