

Converting Colors

Hex(68BA9B)

Have a look what the booklet for
Hex(68BA9B) contains.

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Color

Hex(68BA9B)

Conversions

Conversions Part 1

Format	Color
Hex	68BA9B
RGB	104, 186, 155
RGB Percent	41%, 73%, 61%
CMY	0.5922, 0.2706, 0.3922
CMYK	0.44, 0.00, 0.17, 0.27
HSL	157°, 37%, 57%
HSV	157°, 44%, 73%
XYZ	29.1842, 40.4274, 37.2754
YIQ	157.9480, -38.9210, -27.0250

Conversions

Conversions Part 2

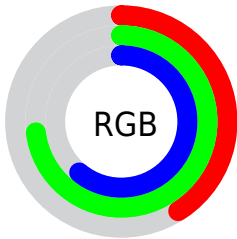
Format	Color
RYB	104, 155, 186
Decimal	6863515
CIELab	69.77, -32.39, 7.97
CIELCh	70, 33.359, 166.171
Yxy	40.4274, 0.2730, 0.3782
Android (android.graphics.Color)	4285053595 (0xFF68BA9B)
YUV	157.9480, -1.4534, -47.3124
Hunter-Lab	63.5826, -29.3385, 9.7489

Details

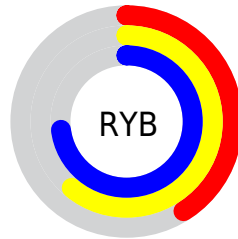
The Hex color **68BA9B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA6887**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9FF3D1**, and **318468** is the 20% darker color. If you saturate the color by 10%, you get **55BA94**, and if you desaturate by 10%, it is **7BBAA2**.

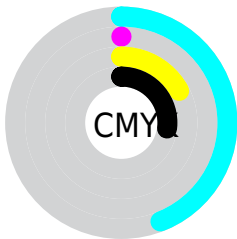
Distribution



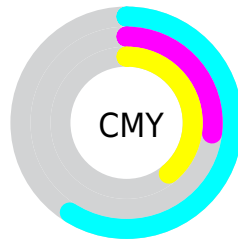
- Red (41%)
- Green (73%)
- Blue (61%)



- Red (41%)
- Yellow (61%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (17%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68BA9B 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 68BA9B by changing the saturation by 10% instead.

 68BA9B

 68BA9B

FFFFFF

 4D9F81

 9FF3D1

 318468

 BBFFEE

 0E6B50

 D8FFFF

 005239

 F5FFFF

 003A23

 00250E

 000000

 68BA9B

 68BA9B

 55BA94

 7BBAA2

 43BA8D

 8DBAA9

 30BA86

 A0BAB0

 1EBA7F

 B2BAB7

 0BBA78

 C5BABE

 00BA74

 D8BAC5

 EABACC

 FDBAD3

 FFBADA

Harmonies

Analogous

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



8CB680



68BA9B



47BBBA

Triad

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



68BA9B



9AA8E4



E09A80

Complementary

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



68BA9B



BA6887

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.



E7949B



68BA9B



C39DD5

Square

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



68BA9B



6BB2E5



DD95BA



CCA470

Rectangle

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



68BA9B



40BACD



DD95BA



E49788

Sweetspot

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



68BA9B



D3F2E6



87BA68



677A73



FAFAFA



7A7A7A

Same Dimension

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



68BA9B



72F2C2



68B0BA



535C58



009C61



001C11

Inverse Universe

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



BA6887



F272A2



BA7268



5C5356



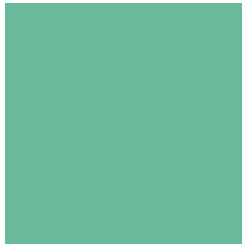
9C003B



1C000B

Previews

White Background



This preview shows how the Hex color 68BA9B looks on a white background.

Color Contrast Check

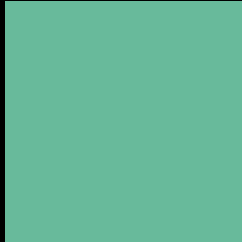
Large Text (above 18pt) WCAG AA × Fail

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 68BA9B 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 68BA9B Background



This preview shows how black text looks on a background with the Hex color 68BA9B.

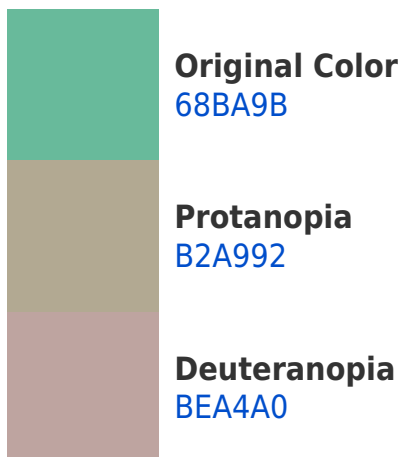


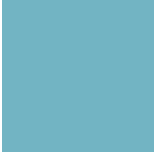
This preview shows how white text looks on a background with the Hex color 68BA9B.

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](#).

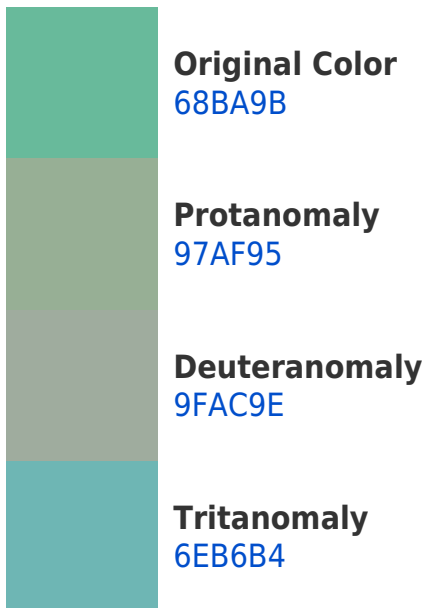
Dichromacy



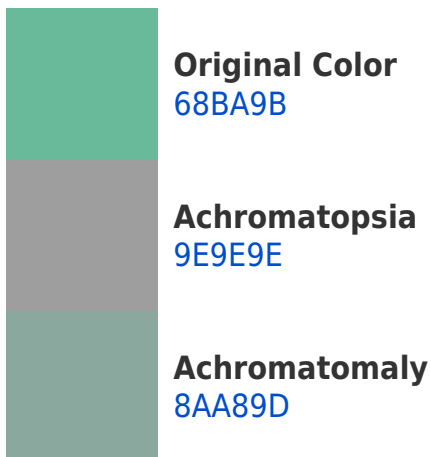


Tritanopia
72B4C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68BA9B 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 #68BA9B looks like.

```
.text, #text, p{  
    color:#68BA9B  
}
```

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 #68BA9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68BA9B
}
```

Border

The CSS property to change the border of an element to Hex 68BA9B 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
#68BA9B }
```

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

```
.border{ border-color:#68BA9B }
```

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

Here you see how a box with a 4 pixel #68BA9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68BA9B; -webkit-box-shadow:4px 4px  
4px 4px #68BA9B; box-shadow:4px 4px 4px  
4px #68BA9B }
```

Background

The CSS property to change the background color of an element to Hex 68BA9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68BA9B }
```

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

```
.background{ background-color:#68BA9B }
```

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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