

Converting Colors

Hex(68B7B3)

Have a look what the booklet for
Hex(68B7B3) contains.

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Color

Hex(68B7B3)

Conversions

Conversions Part 1

Format	Color
Hex	68B7B3
RGB	104, 183, 179
RGB Percent	41%, 72%, 70%
CMY	0.5922, 0.2824, 0.2980
CMYK	0.43, 0.00, 0.02, 0.28
HSL	177°, 35%, 56%
HSV	177°, 43%, 72%
XYZ	30.7791, 40.0647, 48.7589
YIQ	158.9230, -45.8000, -17.9920

Conversions

Conversions Part 2

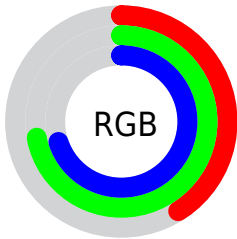
Format	Color
RYB	104, 145, 183
Decimal	6862771
CIELab	69.52, -25.25, -5.57
CIELCh	70, 25.855, 192.446
Yxy	40.0647, 0.2573, 0.3350
Android (android.graphics.Color)	4285052851 (0xFF68B7B3)
YUV	158.9230, 9.8980, -48.1675
Hunter-Lab	63.2967, -23.9705, -1.3647

Details

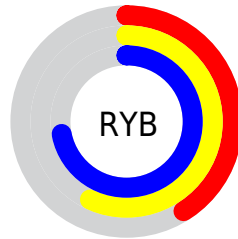
The Hex color **68B7B3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B7686C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9FEFEB**, and **30827E** is the 20% darker color. If you saturate the color by 10%, you get **56B7B2**, and if you desaturate by 10%, it is **7AB7B4**.

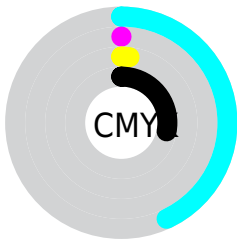
Distribution



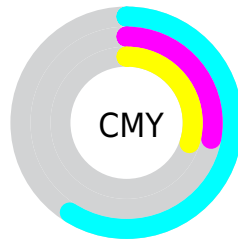
- Red (41%)
- Green (72%)
- Blue (70%)



- Red (41%)
- Yellow (57%)
- Blue (72%)



- Cyan (43%)
- Magenta (0%)
- Yellow (2%)
- Black (28%)



- Cyan (59%)
- Magenta (28%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B7B3 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 68B7B3 by changing the saturation by 10% instead.

 68B7B3

 68B7B3

FFFFFF

 4C9C98

 9FEFEB

 30827E

 BCFFFF

 096865

 D9FFFF

 00504E

 F6FFFF

 003837

 002321

 00000B

 000000

 68B7B3

 68B7B3

■ 56B7B2

■ 7AB7B4

■ 43B7B1

■ 8DB7B5

■ 31B7B0

■ 9FB7B6

■ 1FB7AF

■ B1B7B7

■ 0CB7AE

■ C3B7B8

■ 00B7AE

■ D6B7B9

■ E8B7B9

■ FAB7BA

■ FFB7BB

Harmonies

Analogous

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



7CB69B



68B7B3



66B5C9

Triad

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



68B7B3



BAA0CC



C7A47E

Complementary

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



68B7B3



B7686C

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.



D69C8B



68B7B3



D09AB8

Square

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



68B7B3



9BA9D7



D999A1



B1AB7C

Rectangle

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



68B7B3



71B2D3



D999A1



CDA181

Sweetspot

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



68B7B3



CEEDEC



6DB768



657877



F7F7F7



787878

Same Dimension

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



68B7B3



72EDE7



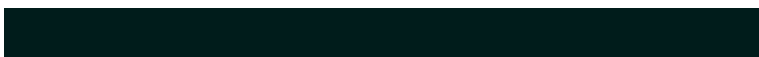
6895B7



535C5B



009C94



001C1B

Inverse Universe

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



B7686C



ED7278



B78A68



5C5353



9C0008



1C0001

Previews

White Background



This preview shows how the Hex color 68B7B3 looks on a white background.

Color Contrast Check

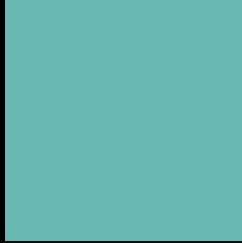
Large Text (above 18pt) WCAG AA × Fail

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 68B7B3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

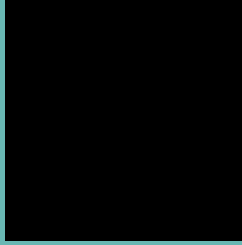
Any Text WCAG AA ✓ Pass

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 68B7B3 Background



This preview shows how black text looks on a background with the Hex color 68B7B3.

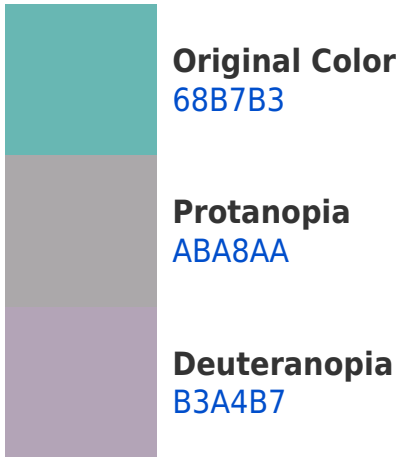


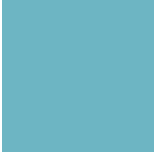
This preview shows how white text looks on a background with the Hex color 68B7B3.

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
6DB5C3

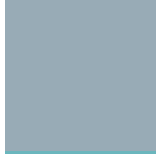
Trichromacy



Original Color
68B7B3



Protanomaly
93ADAD



Deuteranomaly
98ABB6

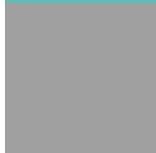


Tritanomaly
6BB6BD

Monochromacy



Original Color
68B7B3



Achromatopsia
9F9F9F



Achromatomaly
8BA8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 68B7B3 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 #68B7B3 looks like.

```
.text, #text, p{  
    color:#68B7B3  
}
```

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 #68B7B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B7B3
}
```

Border

The CSS property to change the border of an element to Hex 68B7B3 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
#68B7B3 }
```

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

```
.border{ border-color:#68B7B3 }
```

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

Here you see how a box with a 4 pixel #68B7B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B7B3; -webkit-box-shadow:4px 4px  
4px 4px #68B7B3; box-shadow:4px 4px 4px  
4px #68B7B3 }
```

Background

The CSS property to change the background color of an element to Hex 68B7B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B7B3 }
```

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

```
.background{ background-color:#68B7B3 }
```

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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