

Converting Colors

Hex(68B7A3)

Have a look what the booklet for
Hex(68B7A3) contains.

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Color

Hex(68B7A3)

Conversions

Conversions Part 1

Format	Color
Hex	68B7A3
RGB	104, 183, 163
RGB Percent	41%, 72%, 64%
CMY	0.5922, 0.2824, 0.3608
CMYK	0.43, 0.00, 0.11, 0.28
HSL	165°, 35%, 56%
HSV	165°, 43%, 72%
XYZ	29.2533, 39.4544, 40.7240
YIQ	157.0990, -40.6640, -22.9680

Conversions

Conversions Part 2

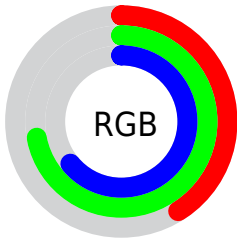
Format	Color
RYB	104, 149, 183
Decimal	6862755
CIELab	69.08, -29.14, 2.59
CIElCh	69, 29.251, 174.921
Yxy	39.4544, 0.2673, 0.3605
Android (android.graphics.Color)	4285052835 (0xFF68B7A3)
YUV	157.0990, 2.9092, -46.5678
Hunter-Lab	62.8127, -26.7909, 5.5288

Details

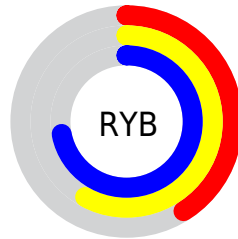
The Hex color **68B7A3** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B7687C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9FEFDA**, and **31826F** is the 20% darker color. If you saturate the color by 10%, you get **56B79E**, and if you desaturate by 10%, it is **7AB7A8**.

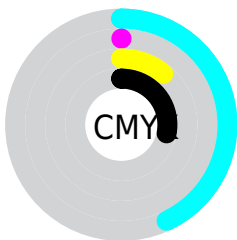
Distribution



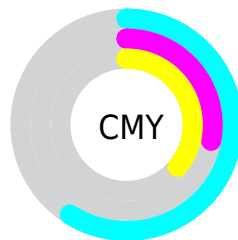
- Red (41%)
- Green (72%)
- Blue (64%)



- Red (41%)
- Yellow (58%)
- Blue (72%)



- Cyan (43%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)



- Cyan (59%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B7A3 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 68B7A3 by changing the saturation by 10% instead.

 68B7A3

 68B7A3

FFFFFF

 4D9C89

 9FEFDA

 31826F

 BBFFF6

 0E6857

 D8FFFF

 005040

 F5FFFF

 00382A

 002315

 000000

 68B7A3

 68B7A3

 56B79E

 7AB7A8

 43B79A

 8DB7AC

 31B795

 9FB7B1

 1FB790

 B1B7B6

 0CB78C

 C3B7BA

 00B789

 D6B7BF

 E8B7C3

 FAB7C8

 FFB7CD

Harmonies

Analogous

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



86B489



68B7A3



55B7BE

Triad

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



68B7A3



A6A3D8



D49D7E

Complementary

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



68B7A3



B7687C

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.



DE9694



68B7A3



C69BC7

Square

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



68B7A3



80ACDD



D995AE



C0A574

Rectangle

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



68B7A3



57B5CD



D995AE



D99A84

Sweetspot

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



68B7A3



CEEDE5



7DB768



657873



F7F7F7



787878

Same Dimension

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



68B7A3



72EDCE



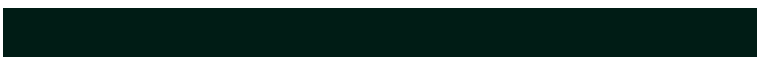
68A5B7



535C59



009C74



001C15

Inverse Universe

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



B7687C



ED7291



B77A68



5C5355



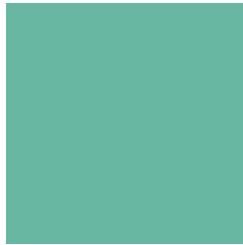
9C0027



1C0007

Previews

White Background



This preview shows how the Hex color 68B7A3 looks on a white background.

Color Contrast Check

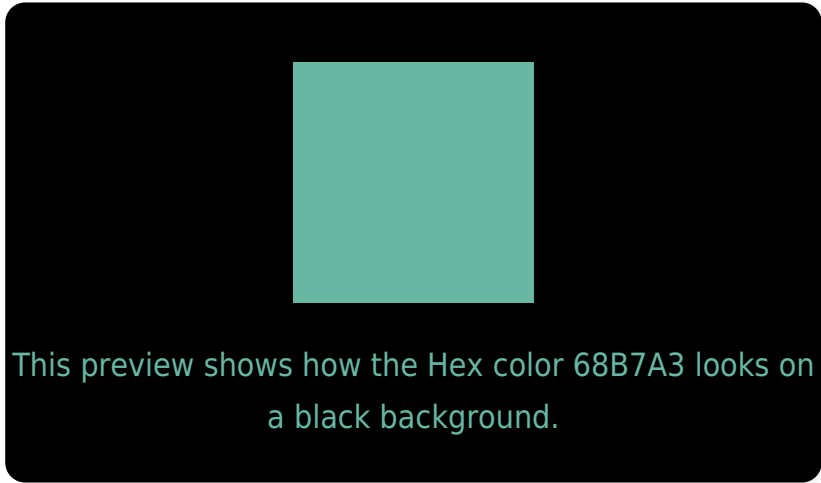
Large Text (above 18pt) WCAG AA × Fail

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

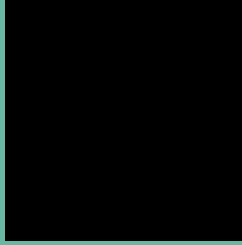
Any Text WCAG AA ✓ Pass

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 68B7A3 Background



This preview shows how black text looks on a background with the Hex color 68B7A3.

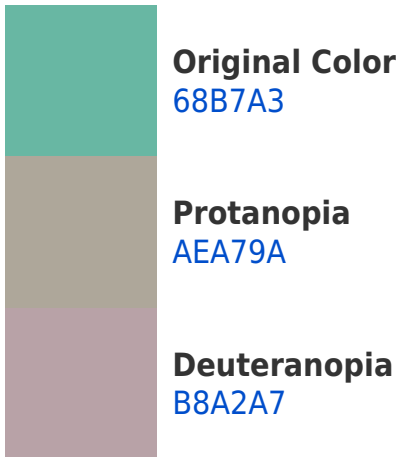


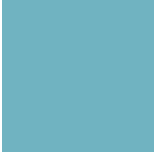
This preview shows how white text looks on a background with the Hex color 68B7A3.

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](#).

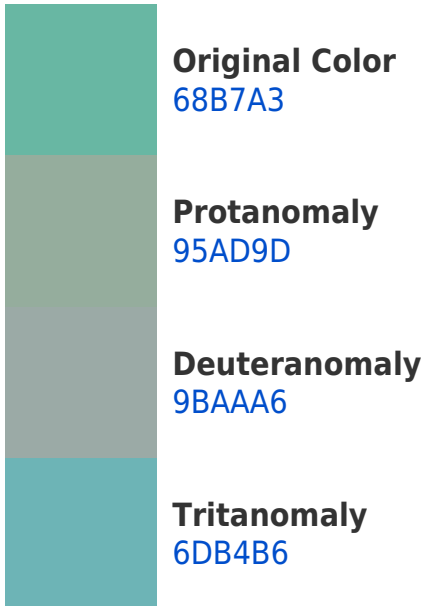
Dichromacy





Tritanopia
70B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B7A3 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 #68B7A3 looks like.

```
.text, #text, p{  
    color:#68B7A3  
}
```

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 #68B7A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B7A3
}
```

Border

The CSS property to change the border of an element to Hex 68B7A3 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
#68B7A3 }
```

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

```
.border{ border-color:#68B7A3 }
```

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

Here you see how a box with a 4 pixel #68B7A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B7A3; -webkit-box-shadow:4px 4px  
4px 4px #68B7A3; box-shadow:4px 4px 4px  
4px #68B7A3 }
```

Background

The CSS property to change the background color of an element to Hex 68B7A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B7A3 }
```

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

```
.background{ background-color:#68B7A3 }
```

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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