

Converting Colors

Hex(68B9A5)

Have a look what the booklet for
Hex(68B9A5) contains.

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Color

Hex(68B9A5)

Conversions

Conversions Part 1

Format	Color
Hex	68B9A5
RGB	104, 185, 165
RGB Percent	41%, 73%, 65%
CMY	0.5922, 0.2745, 0.3529
CMYK	0.44, 0.00, 0.11, 0.27
HSL	165°, 37%, 57%
HSV	165°, 44%, 73%
XYZ	29.8494, 40.3576, 41.8139
YIQ	158.5010, -41.8560, -23.3920

Conversions

Conversions Part 2

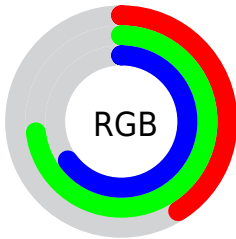
Format	Color
RYB	104, 150, 185
Decimal	6863269
CIELab	69.72, -29.64, 2.43
CIELCh	70, 29.735, 175.320
Yxy	40.3576, 0.2665, 0.3603
Android (android.graphics.Color)	4285053349 (0xFF68B9A5)
YUV	158.5010, 3.2040, -47.7974
Hunter-Lab	63.5276, -27.3024, 5.4447

Details

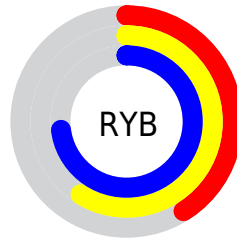
The Hex color **68B9A5** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **B9687C**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **9FF1DC**, and **308371** is the 20% darker color. If you saturate the color by 10%, you get **56B9A0**, and if you desaturate by 10%, it is **7BB9AA**.

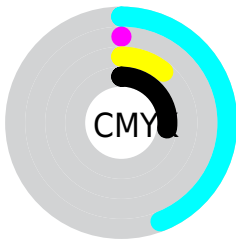
Distribution



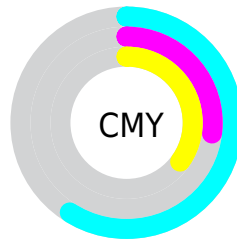
- Red (41%)
- Green (73%)
- Blue (65%)



- Red (41%)
- Yellow (59%)
- Blue (73%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (27%)



- Cyan (59%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68B9A5 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 68B9A5 by changing the saturation by 10% instead.



68B9A5



68B9A5

FFFFFF



4D9E8B



9FF1DC



308371



BBFFF8



0D6A59



D8FFFF



005142



F5FFFF



003A2B



002417



000000



68B9A5



68B9A5



56B9A0



7BB9AA

 43B99C

 8DB9AE

 31B997

 A0B9B3

 1EB993

 B2B9B7

 0CB98E

 C5B9BC

 00B98B

 D7B9C0

 EAB9C5

 FCB9CA

 FFB9CE

Harmonies

Analogous

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



86B68B



68B9A5



55B9C0

Triad

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



68B9A5



A8A5DB



D69E7F

Complementary

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



68B9A5



B9687C

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.



E09895



68B9A5



C99CC9

Square

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



68B9A5



81AEE0



DC97B0



C1A775

Rectangle

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



68B9A5



57B7D0



DC97B0



DB9C85

Sweetspot

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



68B9A5



D1F0E8



7CB968



657873



F7F7F7



787878

Same Dimension

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



68B9A5



71F0D0



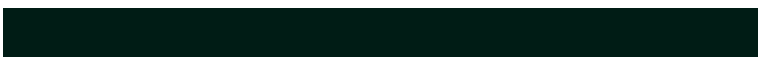
68A5B9



535C5A



009C75



001C15

Inverse Universe

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



B9687C



F07190



B97C68



5C5355



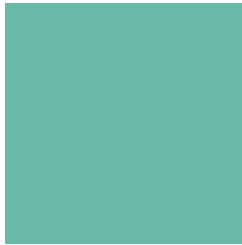
9C0026



1C0007

Previews

White Background



This preview shows how the Hex color 68B9A5 looks on a white background.

Color Contrast Check

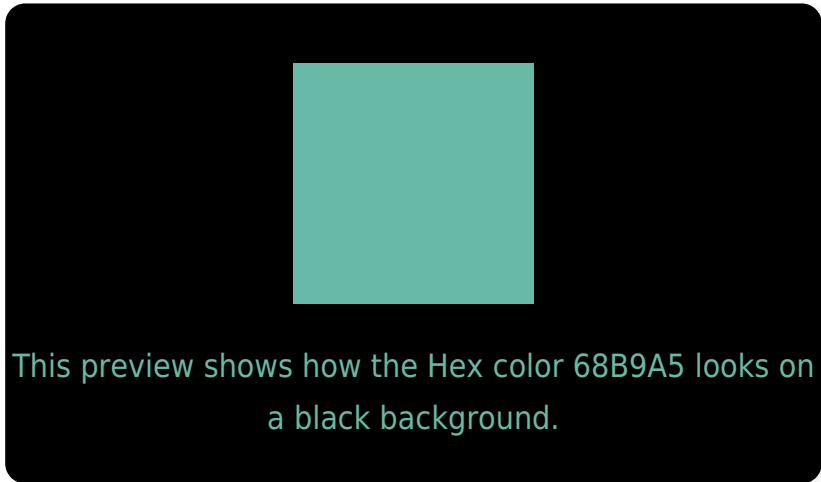
Large Text (above 18pt) WCAG AA × Fail

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

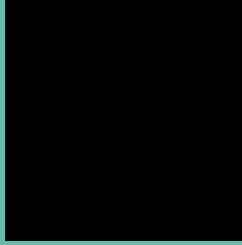
Any Text WCAG AA ✓ Pass

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 68B9A5 Background



This preview shows how black text looks on a background with the Hex color 68B9A5.

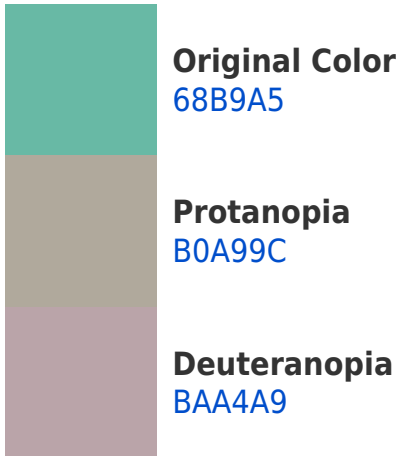


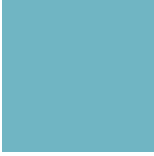
This preview shows how white text looks on a background with the Hex color 68B9A5.

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](#).

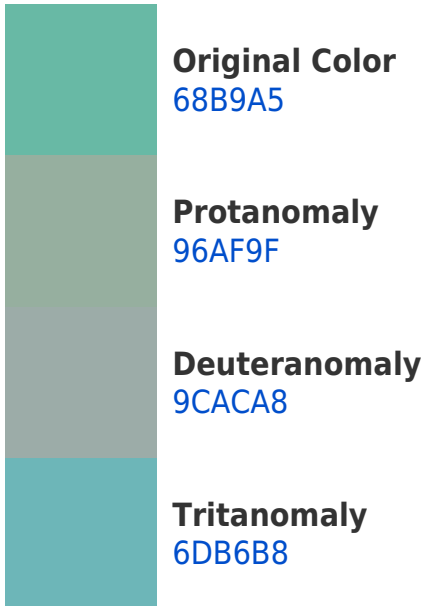
Dichromacy



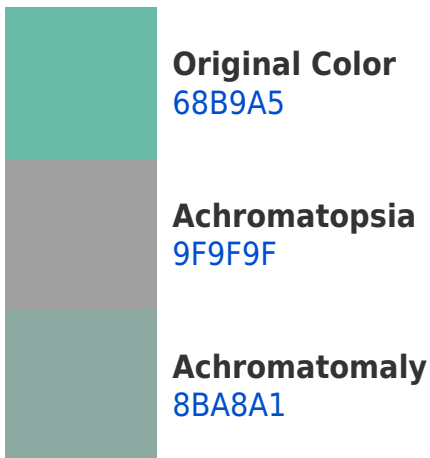


Tritanopia
70B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 68B9A5 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 #68B9A5 looks like.

```
.text, #text, p{  
    color:#68B9A5  
}
```

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 #68B9A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68B9A5  
}
```

Border

The CSS property to change the border of an element to Hex 68B9A5 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  
#68B9A5 }
```

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

```
.border{ border-color:#68B9A5 }
```

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

Here you see how a box with a 4 pixel #68B9A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68B9A5; -webkit-box-shadow:4px 4px  
4px 4px #68B9A5; box-shadow:4px 4px 4px  
4px #68B9A5 }
```

Background

The CSS property to change the background color of an element to Hex 68B9A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68B9A5 }
```

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

```
.background{ background-color:#68B9A5 }
```

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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