

Converting Colors

Hex(5BB68A)

Have a look what the booklet for
Hex(5BB68A) contains.

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Color

Hex(5BB68A)

Conversions

Conversions Part 1

Format	Color
Hex	5BB68A
RGB	91, 182, 138
RGB Percent	36%, 71%, 54%
CMY	0.6431, 0.2863, 0.4588
CMYK	0.50, 0.00, 0.24, 0.29
HSL	151°, 38%, 54%
HSV	151°, 50%, 71%
XYZ	25.6298, 37.5150, 29.9350
YIQ	149.7750, -40.1120, -32.9760

Conversions

Conversions Part 2

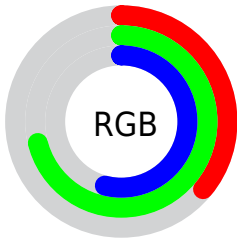
Format	Color
RYB	91, 151, 182
Decimal	6010506
CIELab	67.66, -37.58, 14.20
CIElCh	68, 40.175, 159.307
Yxy	37.5150, 0.2754, 0.4030
Android (android.graphics.Color)	4284200586 (0xFF5BB68A)
YUV	149.7750, -5.8051, -51.5457
Hunter-Lab	61.2495, -32.4935, 13.8973

Details

The Hex color **5BB68A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B65B87**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **92EEC0**, and **1F8058** is the 20% darker color. If you saturate the color by 10%, you get **49B681**, and if you desaturate by 10%, it is **6DB693**.

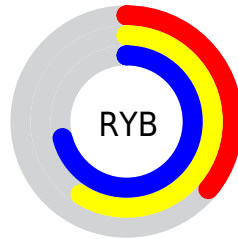
Distribution



Red (36%)

Green (71%)

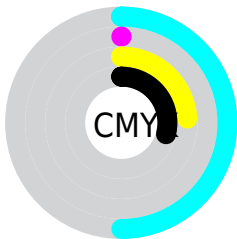
Blue (54%)



Red (36%)

Yellow (59%)

Blue (71%)

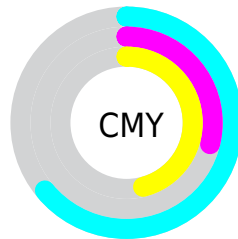


Cyan (50%)

Magenta (0%)

Yellow (24%)

Black (29%)



Cyan (64%)

Magenta (29%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB68A 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 5BB68A by changing the saturation by 10% instead.

 5BB68A

 5BB68A

FFFFFF

 3F9B70

 92EEC0

 1F8058

 AFFFDB

 006740

 CBFFF8

 004E2A

 E8FFFF

 003615

 002200

 000000

 5BB68A

 5BB68A

 49B681

 6DB693

 37B678

 7FB69C

 24B670

 92B6A4

 12B667

 A4B6AD

 00B65E

 B6B6B6

 C8B6BF

 DAB6C8

 EDB6D0

 FFB6D9

Harmonies

Analogous

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



8AB06B



5BB68A



11B8AF

Triad

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



5BB68A



81A5EC



E68E79

Complementary

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



5BB68A



B65B87

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.



EA889B



5BB68A



B797DD

Square

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



5BB68A



38AFE8



DB8CBF



D19A61

Rectangle

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



5BB68A



00B7C7



DB8CBF



E98B83

Sweetspot

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



5BB68A



CAEDDC



89B65B



62786D



F7F7F7



787878

Same Dimension

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



5BB68A



5FEDA8



5BB6B6



535C57



009C50



001C0E

Inverse Universe

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



B65B87



ED5FA4



B65B5B



5C5357



9C004B



1C000E

Previews

White Background



This preview shows how the Hex color 5BB68A looks on a white background.

Color Contrast Check

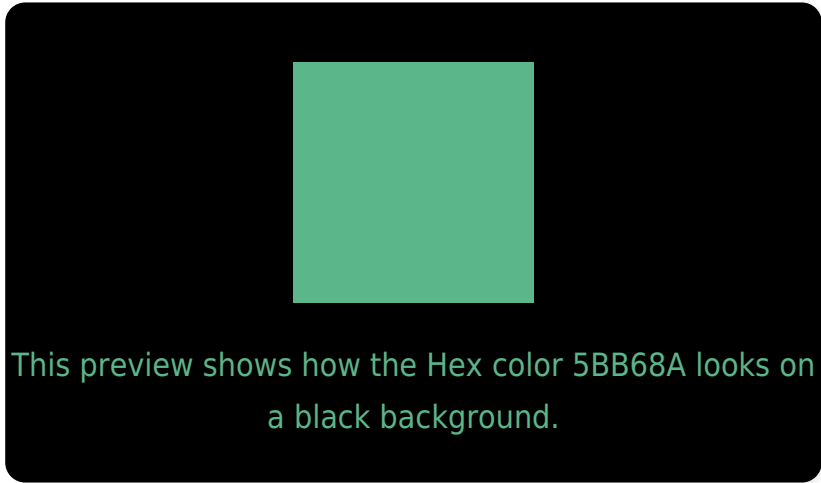
Large Text (above 18pt) WCAG AA × Fail

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

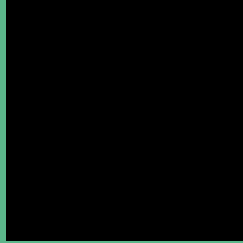
Any Text WCAG AA ✓ Pass

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 5BB68A Background



This preview shows how black text looks on a background with the Hex color 5BB68A.

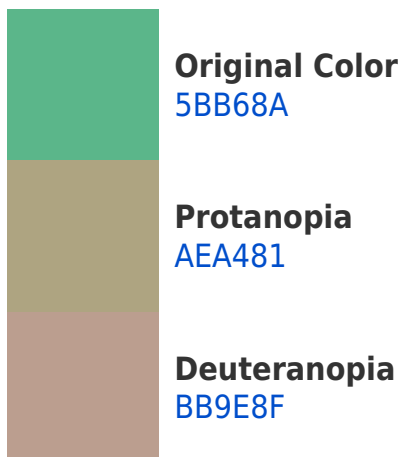


This preview shows how white text looks on a background with the Hex color 5BB68A.

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](#).

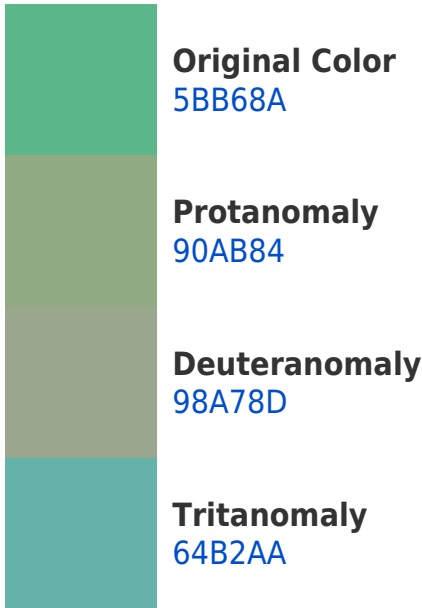
Dichromacy





Tritanopia
69AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB68A 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 #5BB68A looks like.

```
.text, #text, p{  
    color:#5BB68A  
}
```

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 #5BB68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB68A
}
```

Border

The CSS property to change the border of an element to Hex 5BB68A 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
#5BB68A }
```

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

```
.border{ border-color:#5BB68A }
```

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

Here you see how a box with a 4 pixel #5BB68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB68A; -webkit-box-shadow:4px 4px  
4px 4px #5BB68A; box-shadow:4px 4px 4px  
4px #5BB68A }
```

Background

The CSS property to change the background color of an element to Hex 5BB68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB68A }
```

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

```
.background{ background-color:#5BB68A }
```

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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