

Converting Colors

Hex(5BB88A)

Have a look what the booklet for
Hex(5BB88A) contains.

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Color

Hex(5BB88A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 5BB88A |
| RGB | 91, 184, 138 |
| RGB Percent | 36%, 72%, 54% |
| CMY | 0.6431, 0.2784, 0.4588 |
| CMYK | 0.51, 0.00, 0.25, 0.28 |
| HSL | 150°, 40%, 54% |
| HSV | 150°, 51%, 72% |
| XYZ | 26.0423, 38.3401, 30.0726 |
| YIQ | 150.9490, -40.6620, -34.0220 |

Conversions

Conversions Part 2

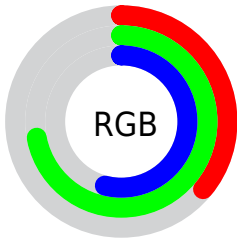
| Format | Color |
|-------------------------------------|---|
| RYB | 91, 153, 184 |
| Decimal | 6011018 |
| CIELab | 68.27, -38.48, 15.05 |
| CIElCh | 68, 41.321, 158.644 |
| Yxy | 38.3401, 0.2757, 0.4059 |
| Android (android.graphics.Color) | 4284201098 (0xFF5BB88A) |
| YUV | 150.9490, -6.3839, -52.5753 |
| Hunter-Lab | 61.9194, -33.2846, 14.5480 |

Details

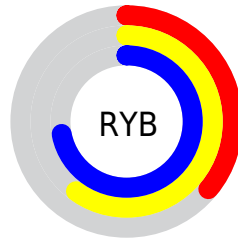
The Hex color **5BB88A** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B85B89**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **93F1C0**, and **1F8258** is the 20% darker color. If you saturate the color by 10%, you get **49B881**, and if you desaturate by 10%, it is **6DB893**.

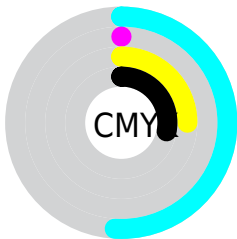
Distribution



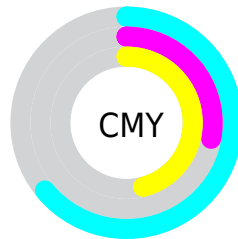
- Red (36%)
- Green (72%)
- Blue (54%)



- Red (36%)
- Yellow (60%)
- Blue (72%)



- Cyan (51%)
- Magenta (0%)
- Yellow (25%)
- Black (28%)



- Cyan (64%)
- Magenta (28%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5BB88A 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 5BB88A by changing the saturation by 10% instead.

 5BB88A

 5BB88A


FFFFFF

 3F9D70


 93F1C0

 1F8258

 AFFFDB

 006840

 CCFFF8

 00502A

 E9FFFF

 003815

 002300

 000000

 5BB88A

 5BB88A

 49B881


 6DB893

 36B878

 80B89C

 24B86F

 92B8A5

 11B866

 A5B8AE

 00B85D

 B7B8B8

 C9B8C1

 DCB8CA

 EEB8D3

 FFB8DC

Harmonies

Analogous

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



8BB26B



5BB88A



01BAB0

Triad

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



5BB88A



80A7F0



EA8F7A

Complementary

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



5BB88A



B85B89

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.



EE899D



5BB88A



B899E1

Square

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



5BB88A



30B2EB



DE8DC2



D49B61

Rectangle

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



5BB88A



00B9C9



DE8DC2



ED8C85

Sweetspot

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



5BB88A



CCF0DE



8AB85B



62786D



F7F7F7



787878

Same Dimension

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



5BB88A



5DF0A7



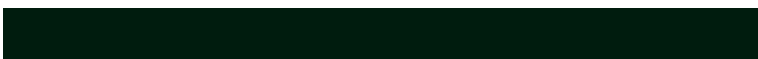
5BB8B8



535C57



009C4F



001C0E

Inverse Universe

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



B85B89



F05DA6



B85B5B



5C5357



9C004D



1C000E

Previews

White Background



This preview shows how the Hex color 5BB88A looks on a white background.

Color Contrast Check

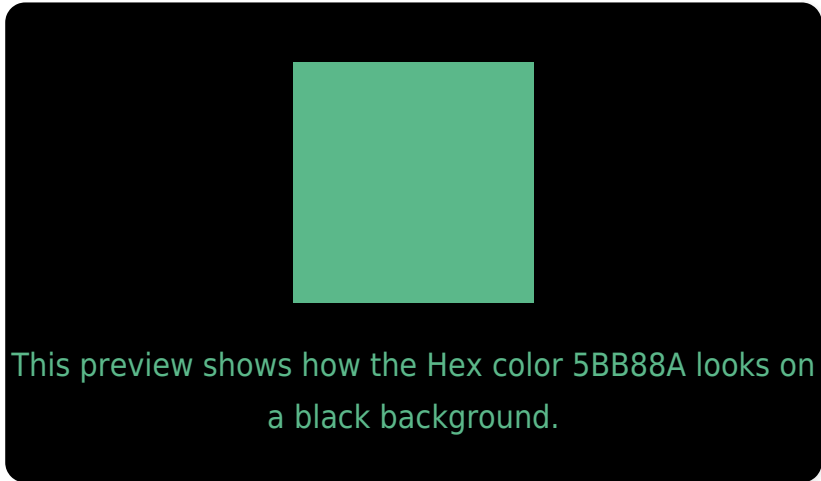
Large Text (above 18pt) WCAG AA × Fail

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

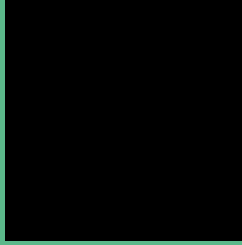
Any Text WCAG AA ✓ Pass

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 5BB88A Background



This preview shows how black text looks on a background with the Hex color 5BB88A.



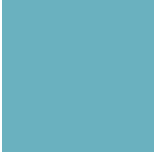
This preview shows how white text looks on a background with the Hex color 5BB88A.

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](#).

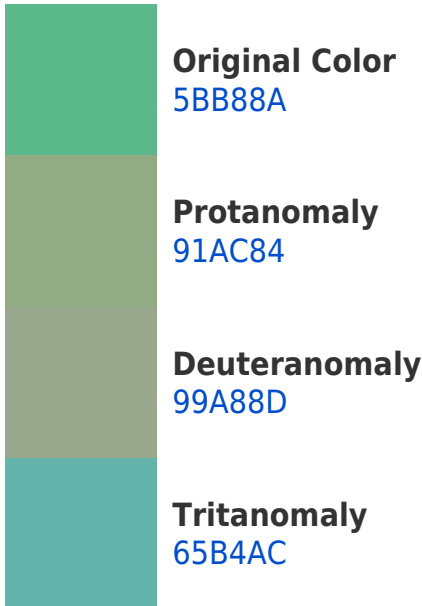
Dichromacy



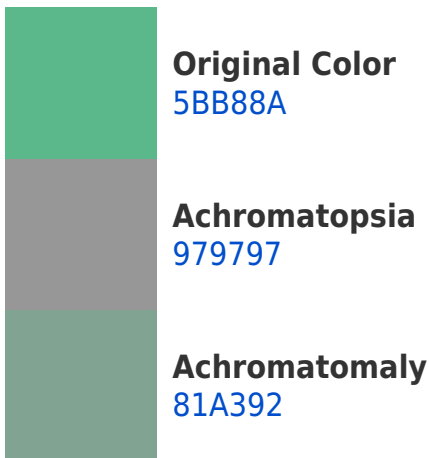


Tritanopia
6AB1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5BB88A 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 #5BB88A looks like.

```
.text, #text, p{  
    color:#5BB88A  
}
```

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 #5BB88A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5BB88A
}
```

Border

The CSS property to change the border of an element to Hex 5BB88A 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
#5BB88A }
```

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

```
.border{ border-color:#5BB88A }
```

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

Here you see how a box with a 4 pixel #5BB88A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5BB88A; -webkit-box-shadow:4px 4px  
4px 4px #5BB88A; box-shadow:4px 4px 4px  
4px #5BB88A }
```

Background

The CSS property to change the background color of an element to Hex 5BB88A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5BB88A }
```

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

```
.background{ background-color:#5BB88A }
```

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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