

Converting Colors

Hex(5B968B)

Have a look what the booklet for
Hex(5B968B) contains.

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Color

Hex(5B968B)

Conversions

Conversions Part 1

Format	Color
Hex	5B968B
RGB	91, 150, 139
RGB Percent	36%, 59%, 55%
CMY	0.6431, 0.4118, 0.4549
CMYK	0.39, 0.00, 0.07, 0.41
HSL	169°, 24%, 47%
HSV	169°, 39%, 59%
XYZ	19.8809, 25.9009, 28.3776
YIQ	131.1050, -31.6330, -15.9290

Conversions

Conversions Part 2

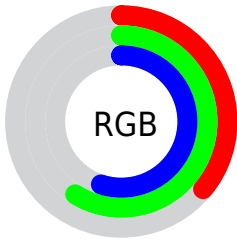
Format	Color
R_{YB}	91, 124, 150
Decimal	6002315
CIE _{Lab}	57.94, -21.92, -0.26
CIE _{LCh}	58, 21.917, 180.692
Yxy	25.9009, 0.2681, 0.3493
Android (android.graphics.Color)	4284192395 (0xFF5B968B)
YUV	131.1050, 3.8922, -35.1721
Hunter-Lab	50.8929, -19.3330, 2.5653

Details

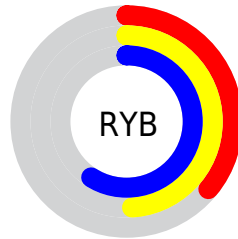
The Hex color **5B968B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **965B66**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **90CCC0**, and **276359** is the 20% darker color. If you saturate the color by 10%, you get **4C9688**, and if you desaturate by 10%, it is **6A968E**.

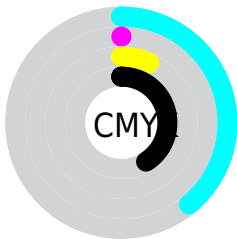
Distribution



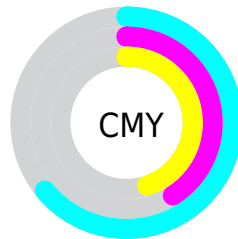
- Red (36%)
- Green (59%)
- Blue (55%)



- Red (36%)
- Yellow (49%)
- Blue (59%)



- Cyan (39%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B968B 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 5B968B by changing the saturation by 10% instead.



5B968B



5B968B

FFFFFF



417C72



90CCC0



276359



ABE9DC



084B42



C7FFF9



00342C



E4FFFF



001F17



000000



5B968B



5B968B



4C9688



6A968E



3D9685



799691

■ 2E9683

■ 889693

■ 1F9680

■ 979696

■ 10967D

■ A69699

■ 01967A

■ B5969C

■ 00967A

■ C4969F

■ D396A1

■ E296A4

Harmonies

Analogous

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



6E9478



5B968B



52959E

Triad

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



5B968B



8F86AC



A9846A

Complementary

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



5B968B



965B66

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.



B27F79



5B968B



A4809E

Square

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



5B968B



748DB1



B07D8B



998A65

Rectangle

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



5B968B



5794A8



B07D8B



AD826E

Sweetspot

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



5B968B



ABC2BD



67965B



53615E



E0E0E0



616161

Same Dimension

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



5B968B



67C2B1



5B8496



434A49



008A70



000A08

Inverse Universe

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



965B66



C26778



966D5B



4A4344



8A001A



0A0002

Previews

White Background



This preview shows how the Hex color 5B968B looks on a white background.

Color Contrast Check

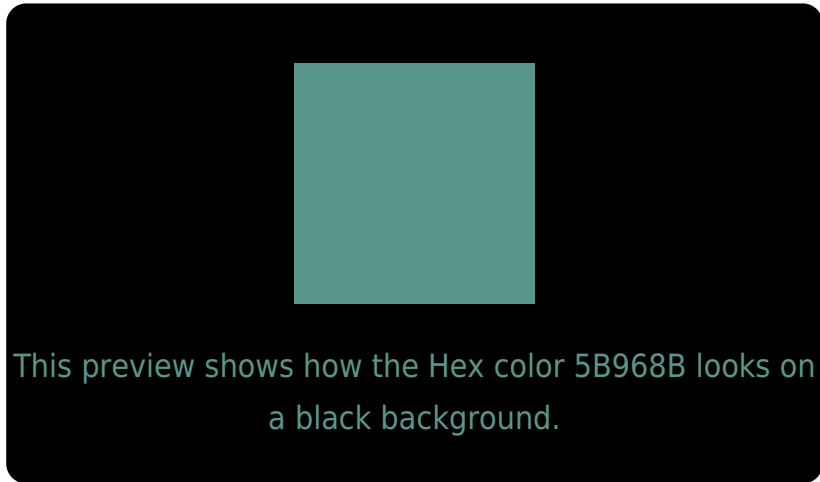
Large Text (above 18pt) WCAG AA ✓ Pass

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

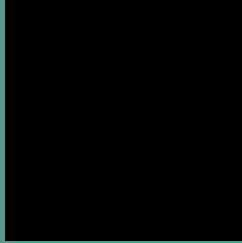
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5B968B Background



This preview shows how black text looks on a background with the Hex color 5B968B.

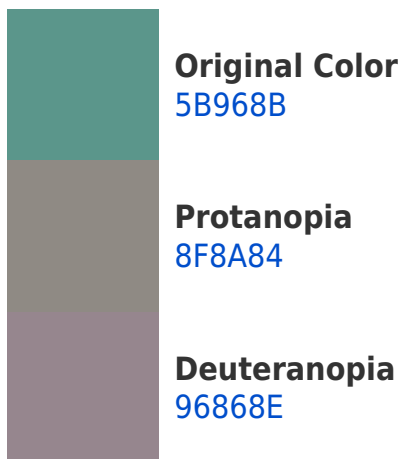


This preview shows how white text looks on a background with the Hex color 5B968B.

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
60939F

Trichromacy



Original Color
5B968B

Protanomaly
7C8E87

Deuteranomaly
818C8D

Tritanomaly
5E9498

Monochromacy



Original Color
5B968B

Achromatopsia
838383

Achromatomaly
748A86

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B968B 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 #5B968B looks like.

```
.text, #text, p{  
    color:#5B968B  
}
```

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 #5B968B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B968B
}
```

Border

The CSS property to change the border of an element to Hex 5B968B 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
#5B968B }
```

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

```
.border{ border-color:#5B968B }
```

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

Here you see how a box with a 4 pixel #5B968B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B968B; -webkit-box-shadow:4px 4px  
4px 4px #5B968B; box-shadow:4px 4px 4px  
4px #5B968B }
```

Background

The CSS property to change the background color of an element to Hex 5B968B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B968B }
```

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

```
.background{ background-color:#5B968B }
```

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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