

Converting Colors

Hex(51968B)

Have a look what the booklet for
Hex(51968B) contains.

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Color

Hex(51968B)

Conversions

Conversions Part 1

Format	Color
Hex	51968B
RGB	81, 150, 139
RGB Percent	32%, 59%, 55%
CMY	0.6824, 0.4118, 0.4549
CMYK	0.46, 0.00, 0.07, 0.41
HSL	170°, 30%, 45%
HSV	170°, 46%, 59%
XYZ	18.9599, 25.4261, 28.3345
YIQ	128.1150, -37.5930, -18.0490

Conversions

Conversions Part 2

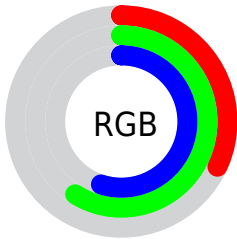
Format	Color
R_{YB}	81, 118, 150
Decimal	5346955
CIE _{Lab}	57.49, -24.61, -0.98
CIE _{LCh}	57, 24.632, 182.289
Yxy	25.4261, 0.2607, 0.3496
Android (android.graphics.Color)	4283537035 (0xFF51968B)
YUV	128.1150, 5.3663, -41.3199
Hunter-Lab	50.4243, -21.1253, 1.9806

Details

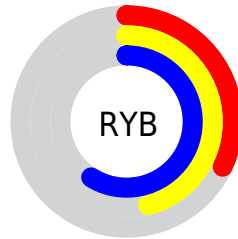
The Hex color **51968B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **96515C**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **87CCC0**, and **196359** is the 20% darker color. If you saturate the color by 10%, you get **429689**, and if you desaturate by 10%, it is **60968D**.

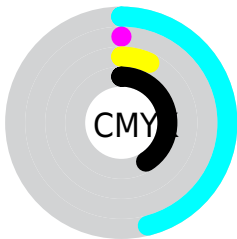
Distribution



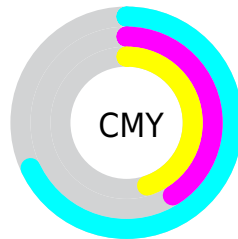
- Red (32%)
- Green (59%)
- Blue (55%)



- Red (32%)
- Yellow (46%)
- Blue (59%)



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (41%)



- Cyan (68%)
- Magenta (41%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51968B 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 51968B by changing the saturation by 10% instead.



51968B



51968B

FFFFFF



367C72



87CCC0



196359



A2E9DC



004B42



BEFFF9



00332C



DBFFFF



002017



F8FFFF



000000



51968B



51968B



429689



60968D



339686



6F9690

■ 249684

■ 7E9692

■ 159681

■ 8D9695

■ 06967F

■ 9C9697

■ 00967E

■ AB9699

■ BA969C

■ C9969E

■ D896A1

Harmonies

Analogous

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



689475



51968B



4695A0

Triad

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



51968B



8F84AE



AA8265

Complementary

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



51968B



96515C

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.



B47C74



51968B



A77D9E

Square

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



51968B



718BB5



B47A89



98895F

Rectangle

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



51968B



4D93AB



B47A89



AE8069

Sweetspot

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



51968B



A7C2BD



5C9651



50615E



E0E0E0



616161

Same Dimension

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



51968B



57C2B1



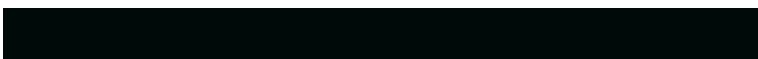
517F96



434A49



008A74



000A09

Inverse Universe

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



96515C



C25768



966851



4A4344



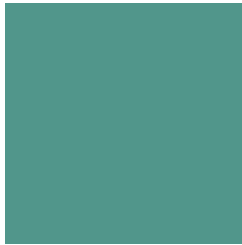
8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 51968B looks on a white background.

Color Contrast Check

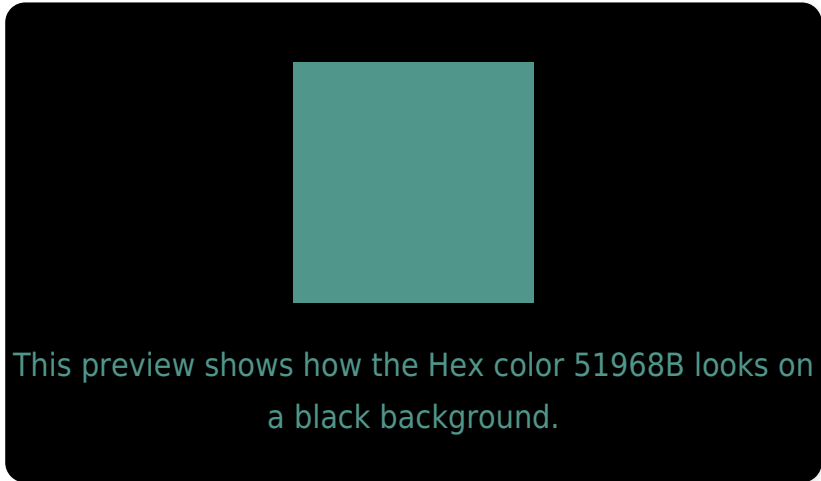
Large Text (above 18pt) WCAG AA ✓ Pass

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

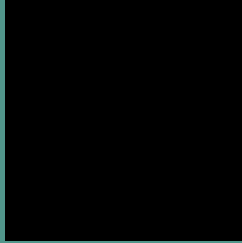
Any Text WCAG AA ✓ Pass

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 51968B Background



This preview shows how black text looks on a background with the Hex color 51968B.

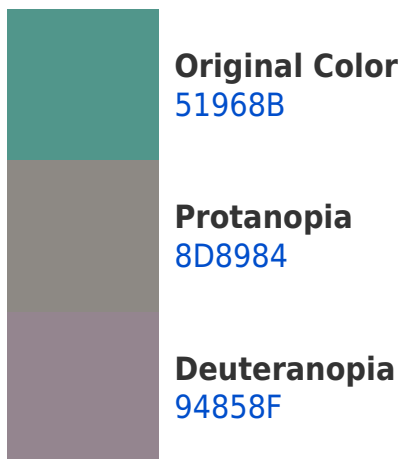



This preview shows how white text looks on a background with the Hex color 51968B.

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



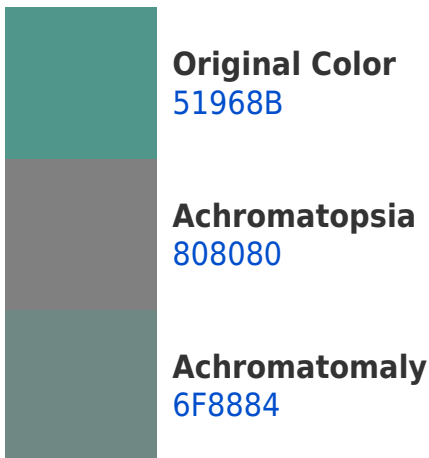


Tritanopia
57939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 51968B 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 #51968B looks like.

```
.text, #text, p{  
    color:#51968B  
}
```

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 #51968B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51968B
}
```

Border

The CSS property to change the border of an element to Hex 51968B 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
#51968B }
```

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

```
.border{ border-color:#51968B }
```

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

Here you see how a box with a 4 pixel #51968B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51968B; -webkit-box-shadow:4px 4px  
4px 4px #51968B; box-shadow:4px 4px 4px  
4px #51968B }
```

Background

The CSS property to change the background color of an element to Hex 51968B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51968B }
```

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

```
.background{ background-color:#51968B }
```

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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