

Converting Colors

Hex(53878B)

Have a look what the booklet for
Hex(53878B) contains.

| | |
|--|----|
| Hex(53878B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(53878B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 53878B |
| RGB | 83, 135, 139 |
| RGB Percent | 33%, 53%, 55% |
| CMY | 0.6745, 0.4706, 0.4549 |
| CMYK | 0.40, 0.03, 0.00, 0.45 |
| HSL | 184°, 25%, 44% |
| HSV | 184°, 40%, 55% |
| XYZ | 16.8915, 21.0310, 27.5952 |
| YIQ | 119.9080, -32.2760, -9.7800 |

Conversions

Conversions Part 2

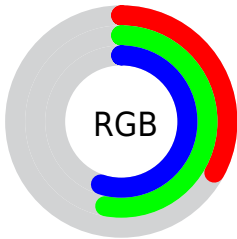
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 83, 110, 139 |
| Decimal | 5474187 |
| CIE _{Lab} | 52.98, -16.23, -7.63 |
| CIE _{LCh} | 53, 17.934, 205.179 |
| Yxy | 21.0310, 0.2578, 0.3210 |
| Android (android.graphics.Color) | 4283664267 (0xFF53878B) |
| YUV | 119.9080, 9.4124, -32.3683 |
| Hunter-Lab | 45.8596, -14.5074, -3.5750 |

Details

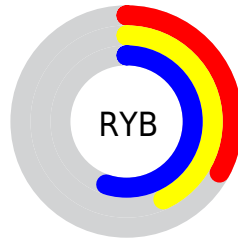
The Hex color **53878B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8B5753**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **87BCC0**, and **1F5559** is the 20% darker color. If you saturate the color by 10%, you get **45868B**, and if you desaturate by 10%, it is **61888B**.

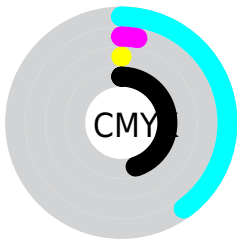
Distribution



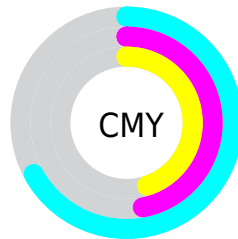
- Red (33%)
- Green (53%)
- Blue (55%)



- Red (33%)
- Yellow (43%)
- Blue (55%)



- Cyan (40%)
- Magenta (3%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53878B 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 53878B by changing the saturation by 10% instead.



53878B



53878B

FFFFFF



396E72



87BCC0



1F5559



A3D8DC



003E42



BEF5F9



00282C



DBFFFF



001317



F8FFFF



000000



53878B



53878B



45868B



61888B



37858B



6F898B

■ 29848B

■ 7D8A8B

■ 1B838B

■ 8B8B8B

■ 0E828B

■ 998C8B

■ 00818B

■ A68D8B

■ B48E8B

■ C28F8B

■ D0908B

Harmonies

Analogous

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



5B877B



53878B



588597

Triad

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



53878B



907690



8D7D60

Complementary

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



53878B



8B5753

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.



997866



53878B



9B7482

Square

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



53878B



7E7B9A



9E7472



7C8262

Rectangle

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



53878B



62829C



9E7472



917B61

Sweetspot

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



53878B



9FB3B5



538B57



4F5B5C



DBDBDB



5C5C5C

Same Dimension

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



53878B



5EAFB5



536B8B



3E4445



007B85



000505

Inverse Universe

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



8B5387



B55EAF



8B7353



453E44



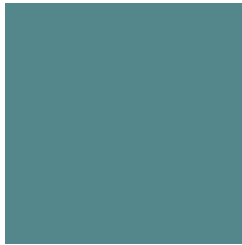
85007B



050005

Previews

White Background



This preview shows how the Hex color 53878B looks on a white background.

Color Contrast Check

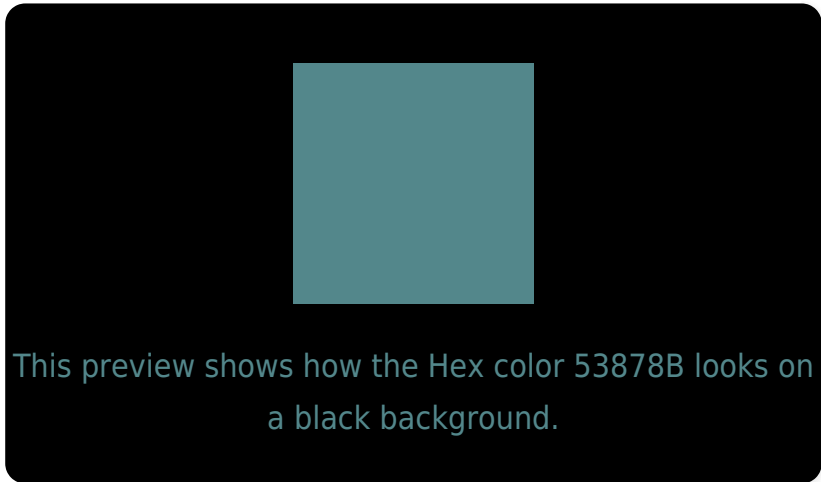
Large Text (above 18pt) WCAG AA ✓ Pass

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

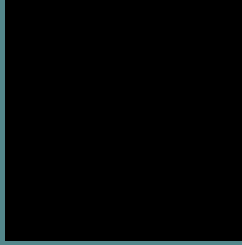
Any Text WCAG AA ✓ Pass

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 53878B Background



This preview shows how black text looks on a background with the Hex color 53878B.

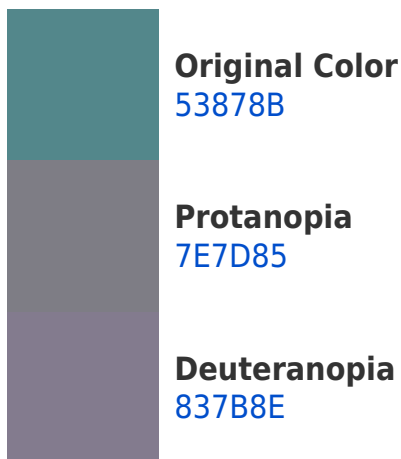


This preview shows how white text looks on a background with the Hex color 53878B.

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](#).

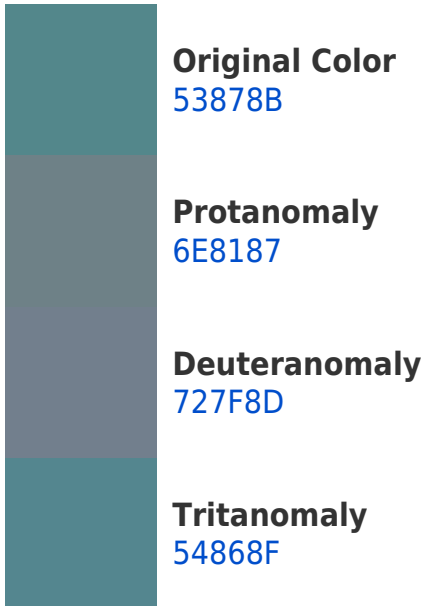
Dichromacy



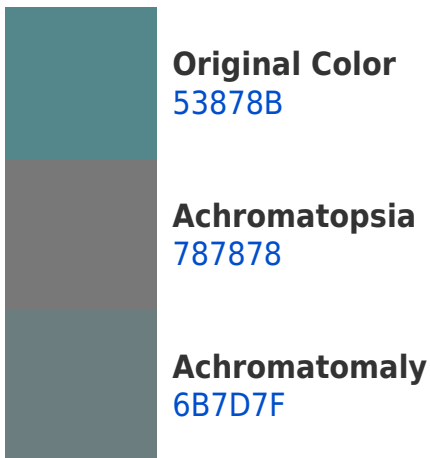


Tritanopia
558691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 53878B 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 #53878B looks like.

```
.text, #text, p{  
    color:#53878B  
}
```

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 #53878B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53878B
}
```

Border

The CSS property to change the border of an element to Hex 53878B 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
#53878B }
```

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

```
.border{ border-color:#53878B }
```

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

Here you see how a box with a 4 pixel #53878B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53878B; -webkit-box-shadow:4px 4px  
4px 4px #53878B; box-shadow:4px 4px 4px  
4px #53878B }
```

Background

The CSS property to change the background color of an element to Hex 53878B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53878B }
```

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

```
.background{ background-color:#53878B }
```

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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