

# Converting Colors

Hex(53698B)

Have a look what the booklet for  
Hex(53698B) contains.

|  |    |
|--|----|
| <b>Hex(53698B)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(53698B)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 53698B                     |
| RGB           | 83, 105, 139               |
| RGB Percent   | 33%, 41%, 55%              |
| CMY           | 0.6745, 0.5882, 0.4549     |
| CMYK          | 0.40, 0.24, 0.00, 0.45     |
| HSL           | 216°, 25%, 44%             |
| HSV           | 216°, 40%, 55%             |
| XYZ           | 13.2791, 13.8062, 26.3911  |
| YIQ           | 102.2980, -24.0260, 5.9100 |

# Conversions

## Conversions Part 2

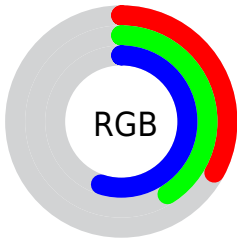
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | <b>83, 99, 139</b>             |
| Decimal                             | 5466507                        |
| CIE <sub>Lab</sub>                  | 43.95, 1.02, -21.33            |
| CIE <sub>LCh</sub>                  | 44, 21.355, 272.749            |
| Yxy                                 | 13.8062, 0.2483,<br>0.2582     |
| Android<br>(android.graphics.Color) | 4283656587<br>(0xFF53698B)     |
| YUV                                 | 102.2980, 18.0941,<br>-16.9243 |
| Hunter-Lab                          | 37.1567, -1.2321,<br>-16.1018  |

# Details

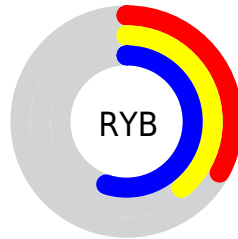
The Hex color **53698B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B7553**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **879CC1**, and **213A59** is the 20% darker color. If you saturate the color by 10%, you get **45618B**, and if you desaturate by 10%, it is **61718B**.

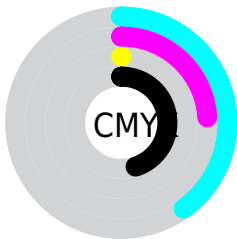
# Distribution



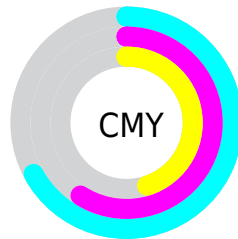
- Red (33%)
- Green (41%)
- Blue (55%)



- Red (33%)
- Yellow (39%)
- Blue (55%)



- Cyan (40%)
- Magenta (24%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (59%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53698B 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 53698B by changing the saturation by 10% instead.



■ 53698B

■ 53698B

FFFFFF

■ 3A5171

■ 879CC1

■ 213A59

■ A1B7DD

■ 052541

■ BDD2F9

■ 000F2B

■ D9EFFF

■ 000116

■ F6FFFF

■ 000000

■ 53698B

■ 53698B

■ 45618B

■ 61718B

■ 37588B

■ 6F7A8B

■ 29508B

■ 7D828B

■ 1B478B

■ 8B8B8B

■ 0E3F8B

■ 99938B

■ 00378B

■ A69C8B

■ B4A48B

■ C2AD8B

■ D0B58B

# Harmonies

## Analogous

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



3A6E87



53698B



6C6386

# Triad

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



53698B



8A5C56



4B7057

# Complementary

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



53698B



8B7553

# 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.



606D4A



53698B



826149

# Square

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



53698B



8A5B67



736744



387269

# Rectangle

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



53698B



7A5F7E



736744



526F52



# Sweetspot

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



53698B



9FA8B5



538B75



4F545C



DBDBDB



5C5C5C



# Same Dimension

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



53698B



5E80B5



59538B



3E4145



003485



000205



# Inverse Universe

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



8B5369



B55E80



858B53



453E41



850034



050002



# Previews

## White Background



This preview shows how the Hex color 53698B looks on a white background.

## Color Contrast Check

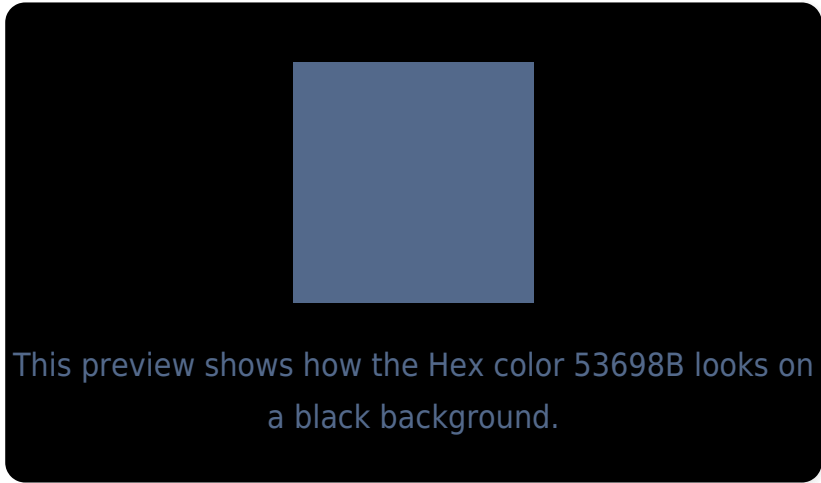
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

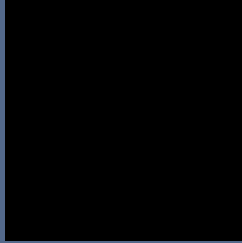
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

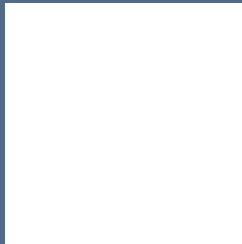
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53698B Background



This preview shows how black text looks on a background with the Hex color 53698B.

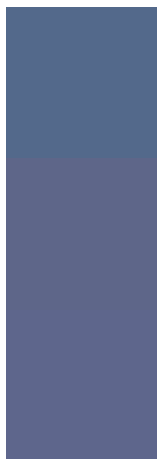


This preview shows how white text looks on a background with the Hex color 53698B.

# 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



**Original Color**

53698B

**Protanopia**

5E6689

**Deuteranopia**

5E668C



**Tritanopia**  
4D6D76

# Trichromacy



**Original Color**  
53698B

**Protanomaly**  
5A678A

**Deuteranomaly**  
5A678C

**Tritanomaly**  
4F6C7E

# Monochromacy



**Original Color**  
53698B

**Achromatopsia**  
666666

**Achromatomaly**  
5F6773

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53698B 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 #53698B looks like.

```
.text, #text, p{  
    color:#53698B  
}
```

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 #53698B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53698B
}
```

## Border

The CSS property to change the border of an element to Hex 53698B 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
#53698B }
```

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

```
.border{ border-color:#53698B }
```

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

Here you see how a box with a 4 pixel #53698B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53698B; -webkit-box-shadow:4px 4px  
4px 4px #53698B; box-shadow:4px 4px 4px  
4px #53698B }
```

# Background

The CSS property to change the background color of an element to Hex 53698B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53698B }
```

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

```
.background{ background-color:#53698B }
```

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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