

Converting Colors

Hex(51848C)

Have a look what the booklet for
Hex(51848C) contains.

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Color

Hex(51848C)

Conversions

Conversions Part 1

Format	Color
Hex	51848C
RGB	81, 132, 140
RGB Percent	32%, 52%, 55%
CMY	0.6824, 0.4824, 0.4510
CMYK	0.42, 0.06, 0.00, 0.45
HSL	188°, 27%, 43%
HSV	188°, 42%, 55%
XYZ	16.3782, 20.1453, 27.8362
YIQ	117.6630, -32.9640, -8.3240

Conversions

Conversions Part 2

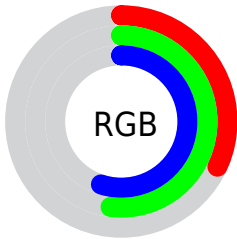
Format	Color
R_{YB}	81, 108, 140
Decimal	5342348
CIE _{Lab}	52.00, -14.87, -9.69
CIE _{LCh}	52, 17.751, 213.089
Yxy	20.1453, 0.2545, 0.3130
Android (android.graphics.Color)	4283532428 (0xFF51848C)
YUV	117.6630, 11.0121, -32.1535
Hunter-Lab	44.8835, -13.4106, -5.3524

Details

The Hex color **51848C** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8C5951**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **85B9C2**, and **1C525A** is the 20% darker color. If you saturate the color by 10%, you get **43828C**, and if you desaturate by 10%, it is **5F868C**.

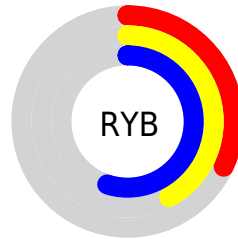
Distribution



Red (32%)

Green (52%)

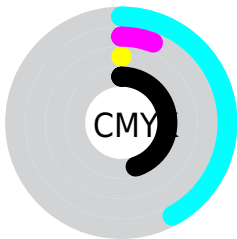
Blue (55%)



Red (32%)

Yellow (42%)

Blue (55%)

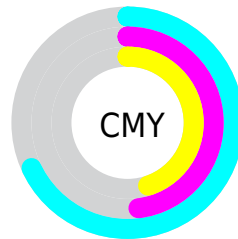


Cyan (42%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (48%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51848C 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 51848C by changing the saturation by 10% instead.



51848C



51848C

FFFFFF



376B73



85B9C2



1C525A



A1D5DD



003B43



BCF1FA



00252C



D9FFFF



000E18



F6FFFF



000000



51848C



51848C



43828C



5F868C



35808C



6D888C

■ 277E8C

■ 7B8A8C

■ 197C8C

■ 898C8C

■ 0B7B8C

■ 978D8C

■ 00798C

■ A58F8C

■ B3918C

■ C1938C

■ CF958C

Harmonies

Analogous

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



56857D



51848C



5A8197

Triad

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



51848C



91738A



867B5E

Complementary

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



51848C



8C5951

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.



937661



51848C



9A717B

Square

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



51848C



817895



9B726C



758062

Rectangle

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



51848C



657E9A



9B726C



8B7A5E

Sweetspot

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



51848C



9EB2B5



518C59



4D5A5C



DBDBDB



5C5C5C

Same Dimension

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



51848C



59A9B5



51678C



3E4445



007385



000405

Inverse Universe

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



8C5184



B559A9



8C7651



453E44



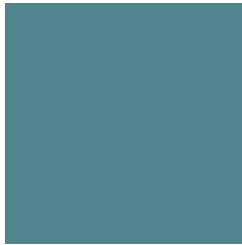
850073



050004

Previews

White Background



This preview shows how the Hex color 51848C looks on a white background.

Color Contrast Check

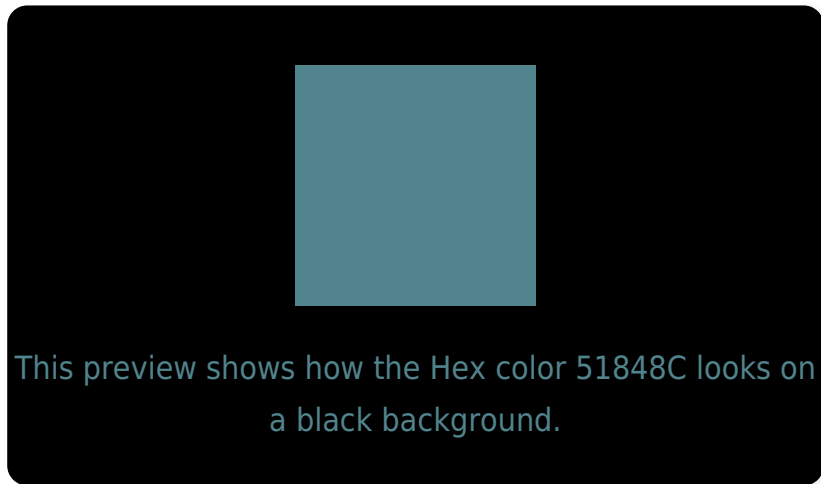
Large Text (above 18pt) WCAG AA ✓ Pass

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

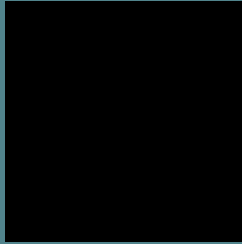
Any Text WCAG AA ✓ Pass

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 51848C Background



This preview shows how black text looks on a background with the Hex color 51848C.

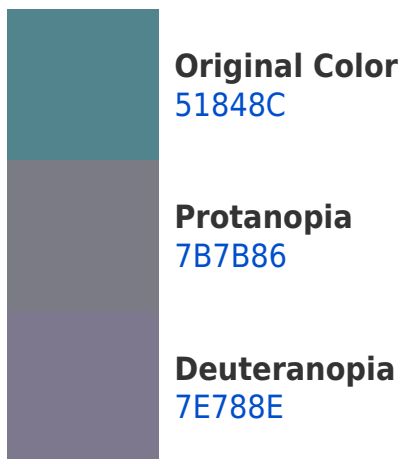


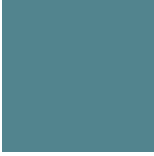
This preview shows how white text looks on a background with the Hex color 51848C.

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
52848E

Trichromacy



Original Color
51848C

Protanomaly
6C7E88

Deuteranomaly
6E7C8D

Tritanomaly
52848D

Monochromacy



Original Color
51848C

Achromatopsia
767676

Achromatomaly
697B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 51848C 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 #51848C looks like.

```
.text, #text, p{  
    color:#51848C  
}
```

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 #51848C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51848C
}
```

Border

The CSS property to change the border of an element to Hex 51848C 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
#51848C }
```

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

```
.border{ border-color:#51848C }
```

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

Here you see how a box with a 4 pixel #51848C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51848C; -webkit-box-shadow:4px 4px  
4px 4px #51848C; box-shadow:4px 4px 4px  
4px #51848C }
```

Background

The CSS property to change the background color of an element to Hex 51848C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51848C }
```

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

```
.background{ background-color:#51848C }
```

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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