

Converting Colors

Hex(51838E)

Have a look what the booklet for
Hex(51838E) contains.

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Color

Hex(51838E)

Conversions

Conversions Part 1

Format	Color
Hex	51838E
RGB	81, 131, 142
RGB Percent	32%, 51%, 56%
CMY	0.6824, 0.4863, 0.4431
CMYK	0.43, 0.08, 0.00, 0.44
HSL	191°, 27%, 44%
HSV	191°, 43%, 56%
XYZ	16.3921, 19.9349, 28.5751
YIQ	117.3040, -33.3310, -7.1790

Conversions

Conversions Part 2

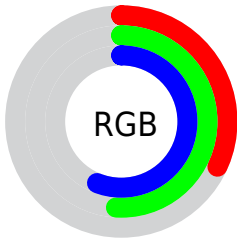
Format	Color
R_{YB}	81, 108, 142
Decimal	5342094
CIE _{Lab}	51.76, -13.77, -11.21
CIE _{LCh}	52, 17.759, 219.159
Yxy	19.9349, 0.2526, 0.3072
Android (android.graphics.Color)	4283532174 (0xFF51838E)
YUV	117.3040, 12.1751, -31.8386
Hunter-Lab	44.6485, -12.6010, -6.6916

Details

The Hex color **51838E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8E5C51**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **85B8C4**, and **1C525C** is the 20% darker color. If you saturate the color by 10%, you get **43808E**, and if you desaturate by 10%, it is **5F868E**.

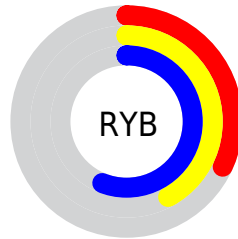
Distribution



Red (32%)

Green (51%)

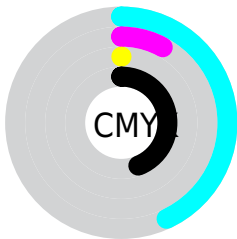
Blue (56%)



Red (32%)

Yellow (42%)

Blue (56%)

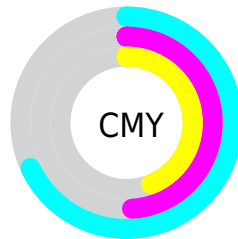


Cyan (43%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (68%)

Magenta (49%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51838E 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 51838E by changing the saturation by 10% instead.



51838E



51838E

FFFFFF



376A74



85B8C4



1C525C



A1D4E0



003A44



BCF0FC



00252E



D9FFFF



000D1A



F6FFFF



000000



51838E



51838E



43808E



5F868E



357E8E



6D888E

267B8E

7C8B8E

18798E

8A8D8E

0A768E

98908E

00748E

A6928E

B4958E

C3978E

D19A8E

Harmonies

Analogous

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



538480



51838E



5C8097

Triad

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



51838E



937287



827C5D

Complementary

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



51838E



8E5C51

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.



90775F



51838E



9A7177

Square

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



51838E



847693



997269



718064

Rectangle

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



51838E



697D99



997269



877A5D

Sweetspot

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



51838E



A0B3B8



518E5B



4D595C



DBDBDB



5C5C5C

Same Dimension

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



51838E



58A6B8



51658E



404647



006F87



000608

Inverse Universe

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



8E5183



B858A6



8E7A51



474046



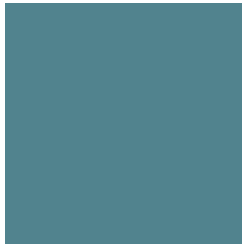
87006F



080006

Previews

White Background



This preview shows how the Hex color 51838E looks on a white background.

Color Contrast Check

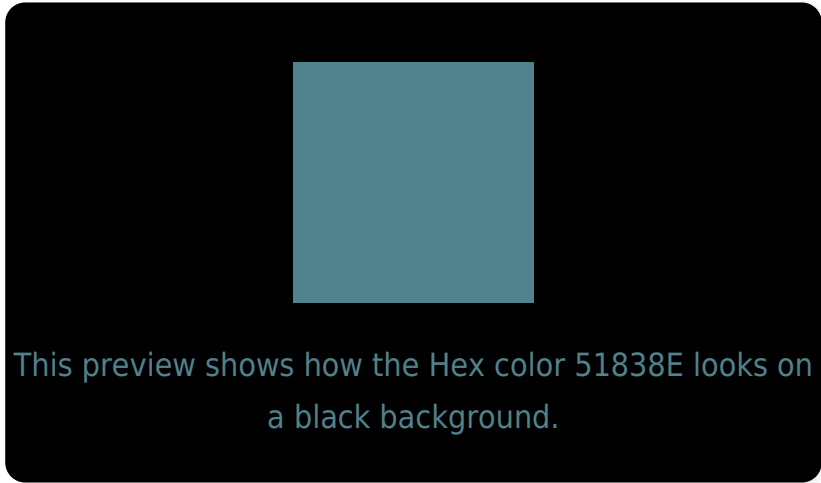
Large Text (above 18pt) WCAG AA ✓ Pass

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

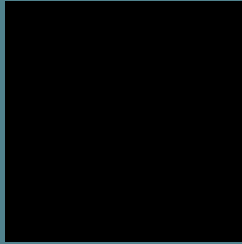
Any Text WCAG AA ✓ Pass

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 51838E Background



This preview shows how black text looks on a background with the Hex color 51838E.

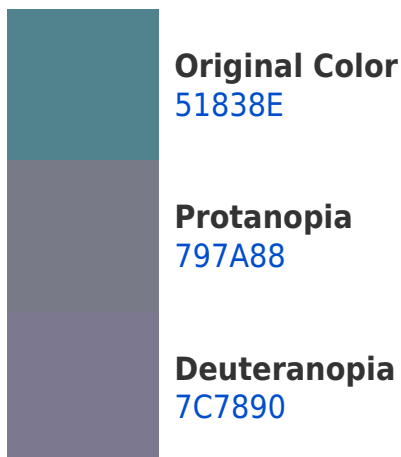


This preview shows how white text looks on a background with the Hex color 51838E.

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
51838E

Trichromacy



Original Color
51838E

Protanomaly
6A7D8A

Deuteranomaly
6C7C8F

Tritanomaly
51838E

Monochromacy



Original Color
51838E

Achromatopsia
757575

Achromatomaly
687A7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 51838E 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 #51838E looks like.

```
.text, #text, p{  
    color:#51838E  
}
```

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 #51838E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51838E
}
```

Border

The CSS property to change the border of an element to Hex 51838E 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
#51838E }
```

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

```
.border{ border-color:#51838E }
```

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

Here you see how a box with a 4 pixel #51838E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51838E; -webkit-box-shadow:4px 4px  
4px 4px #51838E; box-shadow:4px 4px 4px  
4px #51838E }
```

Background

The CSS property to change the background color of an element to Hex 51838E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51838E }
```

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

```
.background{ background-color:#51838E }
```

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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