

# Converting Colors

Hex(51778B)

Have a look what the booklet for  
Hex(51778B) contains.

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# Color

Hex(51778B)

# Conversions

## Conversions Part 1

Format	Color
Hex	51778B
RGB	81, 119, 139
RGB Percent	32%, 47%, 55%
CMY	0.6824, 0.5333, 0.4549
CMYK	0.42, 0.14, 0.00, 0.45
HSL	201°, 26%, 43%
HSV	201°, 42%, 55%
XYZ	14.6504, 16.8071, 26.8980
YIQ	109.9180, -29.0680, -1.8360

# Conversions

## Conversions Part 2

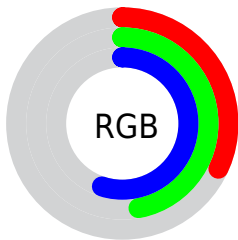
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 104, 139
Decimal	5339019
CIE <sub>Lab</sub>	48.02, -7.85, -15.12
CIE <sub>LCh</sub>	48, 17.034, 242.576
Yxy	16.8071, 0.2511, 0.2880
Android (android.graphics.Color)	4283529099 (0xFF51778B)
YUV	109.9180, 14.3374, -25.3611
Hunter-Lab	40.9964, -7.9555, -10.2031

# Details

The Hex color **51778B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8B6551**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **85ABC1**, and **1E4759** is the 20% darker color. If you saturate the color by 10%, you get **43728B**, and if you desaturate by 10%, it is **5F7C8B**.

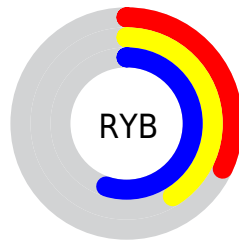
# Distribution



Red (32%)

Green (47%)

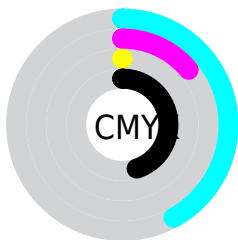
Blue (55%)



Red (32%)

Yellow (41%)

Blue (55%)

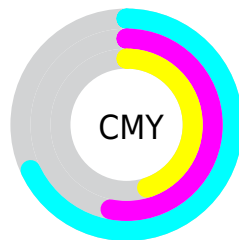


Cyan (42%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (68%)

Magenta (53%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51778B 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 51778B by changing the saturation by 10% instead.



■ 51778B

■ 51778B

FFFFFF

■ 385E72

■ 85ABC1

■ 1E4759

■ A0C6DC

■ 003042

■ BBE2F9

■ 001C2B

■ D8FFFF

■ 000117

■ F4FFFF

■ 000000

■ 51778B

■ 51778B

■ 43728B

■ 5F7C8B

■ 356D8B

■ 6D818B

■ 27698B

■ 7B858B

■ 19648B

■ 898A8B

■ 0B5F8B

■ 968F8B

■ 005B8B

■ A4948B

■ B2998B

■ C09D8B

■ CEA28B

# Harmonies

## Analogous

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



497A81



51778B



62738E

# Triad

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



51778B



8E6871



6C765A

# Complementary

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



51778B



8B6551

# 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.



7B7155



51778B



8F6963

# Square

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



51778B



866A7F



886D59



5B7964

# Rectangle

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



51778B



70708C



886D59



717457



# Sweetspot

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



51778B



9EADB5



518B64



4D575C



DBDBDB



5C5C5C



# Same Dimension

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



51778B



5B96B5



515B8B



3E4245



005785



000305



# Inverse Universe

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



8B5177



B55B96



8B8151



453E42



850057



050003



# Previews

## White Background



This preview shows how the Hex color 51778B looks on a white background.

## Color Contrast Check

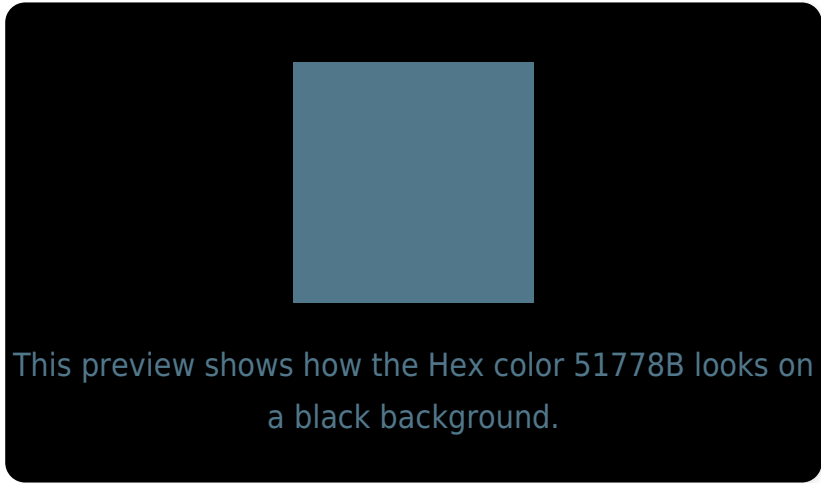
Large Text (above 18pt) WCAG AA ✓ Pass

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

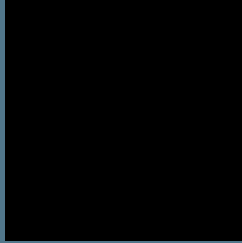
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 51778B Background



This preview shows how black text looks on a background with the Hex color 51778B.

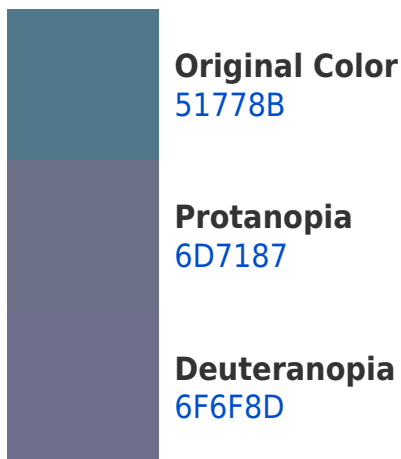


This preview shows how white text looks on a background with the Hex color 51778B.

# 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](#).

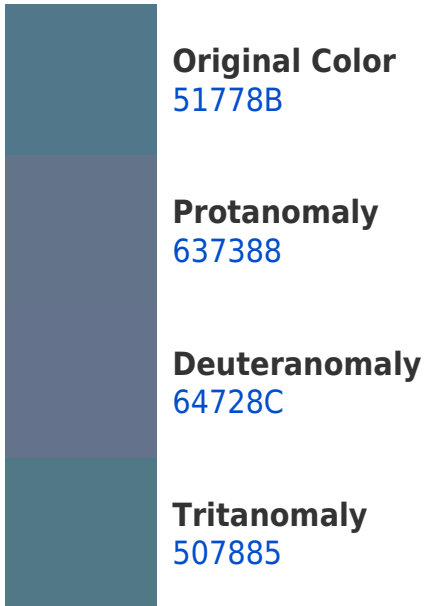
## Dichromacy





**Tritanopia**  
4F7882

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51778B 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 #51778B looks like.

```
.text, #text, p{  
    color:#51778B  
}
```

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 #51778B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51778B
}
```

## Border

The CSS property to change the border of an element to Hex 51778B 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
#51778B }
```

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

```
.border{ border-color:#51778B }
```

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

Here you see how a box with a 4 pixel #51778B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51778B; -webkit-box-shadow:4px 4px  
4px 4px #51778B; box-shadow:4px 4px 4px  
4px #51778B }
```

# Background

The CSS property to change the background color of an element to Hex 51778B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51778B }
```

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

```
.background{ background-color:#51778B }
```

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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