

# Converting Colors

Hex(53818D)

Have a look what the booklet for  
Hex(53818D) contains.

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# Color

**Hex(53818D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	53818D
RGB	83, 129, 141
RGB Percent	33%, 51%, 55%
CMY	0.6745, 0.4941, 0.4471
CMYK	0.41, 0.09, 0.00, 0.45
HSL	192°, 26%, 44%
HSV	192°, 41%, 55%
XYZ	16.2253, 19.4626, 28.1008
YIQ	116.6140, -31.2680, -6.0200

# Conversions

## Conversions Part 2

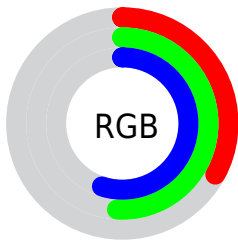
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 109, 141
Decimal	5472653
CIE <sub>Lab</sub>	51.22, -12.39, -11.43
CIE <sub>LCh</sub>	51, 16.860, 222.692
Yxy	19.4626, 0.2544, 0.3051
Android (android.graphics.Color)	4283662733 (0xFF53818D)
YUV	116.6140, 12.0223, -29.4795
Hunter-Lab	44.1164, -11.5546, -6.8844

# Details

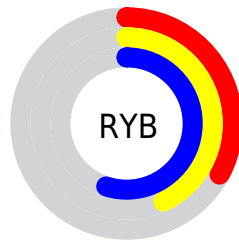
The Hex color **53818D** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8D5F53**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **87B6C3**, and **20505B** is the 20% darker color. If you saturate the color by 10%, you get **457E8D**, and if you desaturate by 10%, it is **61848D**.

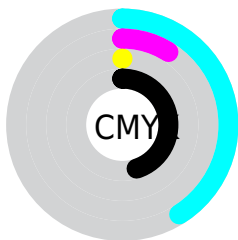
# Distribution



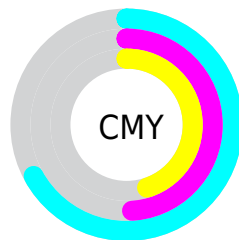
- Red (33%)
- Green (51%)
- Blue (55%)



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



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (45%)



- Cyan (67%)
- Magenta (49%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53818D 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 53818D by changing the saturation by 10% instead.



■ 53818D

■ 53818D

FFFFFF

■ 3A6873

■ 87B6C3

■ 20505B

■ A2D2DF

■ 003943

■ BEEEFB

■ 00232D

■ DAFFFF

■ 000A19

■ F7FFFF

■ 000000

■ 53818D

■ 53818D

■ 457E8D

■ 61848D

■ 377B8D

■ 6F878D

29788D

7D8A8D

1B758D

8B8D8D

0C728D

9A908D

00708D

A8938D

B6958D

C4988D

D29B8D

# Harmonies

## Analogous

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



548280



53818D



5F7E95

# Triad

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



53818D



927183



7F7B5E

# Complementary

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



53818D



8D5F53

# 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.



8D765F



53818D



987074

# Square

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



53818D



84748F



967267



6E7F65

# Rectangle

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



53818D



6B7B96



967267



84795D



# Sweetspot

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



53818D



A2B3B8



538D5F



4F595C



DBDBDB



5C5C5C



# Same Dimension

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



53818D



5EA5B8



53648D



404647



006B87



000608



# Inverse Universe

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



8D5381



B85EA5



8D7C53



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 53818D looks on a white background.

## Color Contrast Check

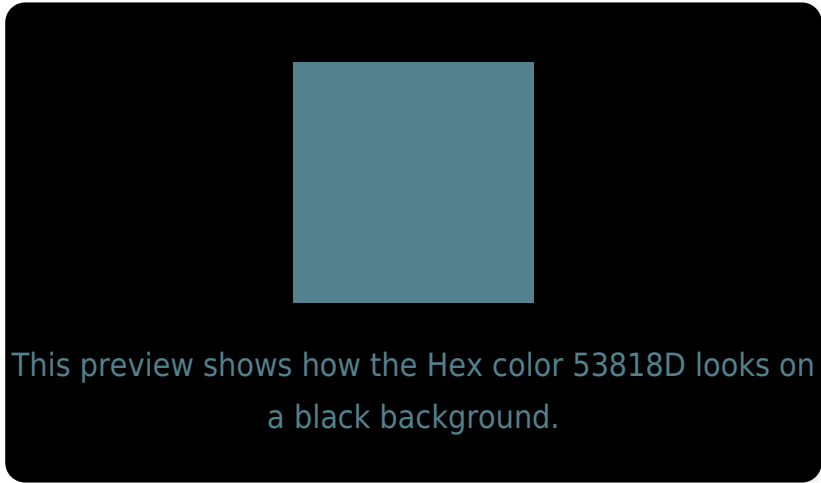
Large Text (above 18pt) WCAG AA ✓ Pass

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

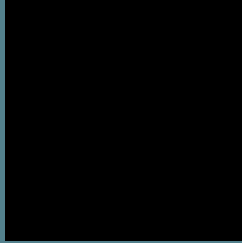
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

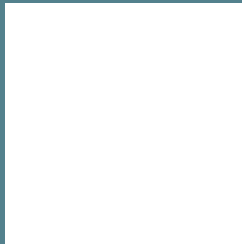
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 53818D Background



This preview shows how black text looks on a background with the Hex color 53818D.

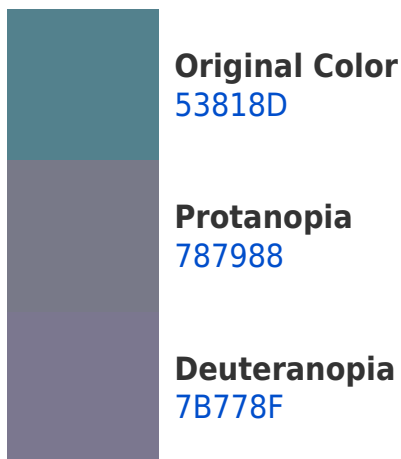


This preview shows how white text looks on a background with the Hex color 53818D.

# 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**  
53818C

# Trichromacy



**Original Color**  
53818D

**Protanomaly**  
6B7C8A

**Deuteranomaly**  
6C7B8E

**Tritanomaly**  
53818C

# Monochromacy



**Original Color**  
53818D

**Achromatopsia**  
757575

**Achromatomaly**  
69797E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53818D 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 #53818D looks like.

```
.text, #text, p{  
    color:#53818D  
}
```

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 #53818D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53818D
}
```

## Border

The CSS property to change the border of an element to Hex 53818D 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
#53818D }
```

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

```
.border{ border-color:#53818D }
```

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

Here you see how a box with a 4 pixel #53818D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53818D; -webkit-box-shadow:4px 4px  
4px 4px #53818D; box-shadow:4px 4px 4px  
4px #53818D }
```

# Background

The CSS property to change the background color of an element to Hex 53818D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53818D }
```

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

```
.background{ background-color:#53818D }
```

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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