

# Converting Colors

Hex(4C818A)

Have a look what the booklet for  
Hex(4C818A) contains.

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# Color

**Hex(4C818A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4C818A
RGB	76, 129, 138
RGB Percent	30%, 51%, 54%
CMY	0.7020, 0.4941, 0.4588
CMYK	0.45, 0.07, 0.00, 0.46
HSL	189°, 29%, 42%
HSV	189°, 45%, 54%
XYZ	15.4182, 19.0720, 26.9134
YIQ	114.1790, -34.4770, -8.4370

# Conversions

## Conversions Part 2

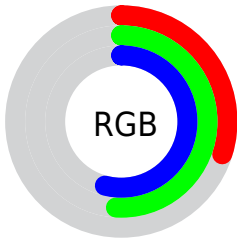
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 105, 138
Decimal	5013898
CIELab	50.77, -15.12, -10.39
CIElCh	51, 18.346, 214.507
Yxy	19.0720, 0.2511, 0.3106
Android (android.graphics.Color)	4283203978 (0xFF4C818A)
YUV	114.1790, 11.7438, -33.4830
Hunter-Lab	43.6715, -13.4058, -5.9686

# Details

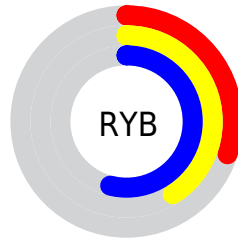
The Hex color **4C818A** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8A554C**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **81B6BF**, and **165058** is the 20% darker color. If you saturate the color by 10%, you get **3E7F8A**, and if you desaturate by 10%, it is **5A838A**.

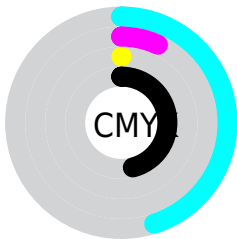
# Distribution



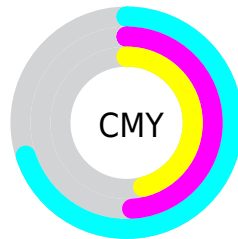
- Red (30%)
- Green (51%)
- Blue (54%)



- Red (30%)
- Yellow (41%)
- Blue (54%)



- Cyan (45%)
- Magenta (7%)
- Yellow (0%)
- Black (46%)



- Cyan (70%)
- Magenta (49%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C818A 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 4C818A by changing the saturation by 10% instead.



■ 4C818A

■ 4C818A

FFFFFF

■ 326871

■ 81B6BF

■ 165058

■ 9CD2DB

■ 003941

■ B7EEF8

■ 00232B

■ D4FFFF

■ 000617

■ F0FFFF

■ 000000

■ 4C818A

■ 4C818A

■ 3E7F8A

■ 5A838A

■ 307D8A

■ 68858A

■ 237B8A

■ 75878A

■ 15798A

■ 83898A

■ 07778A

■ 918B8A

■ 00768A

■ 9F8D8A

■ AD8F8A

■ BA918A

■ C8938A

# Harmonies

## Analogous

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



51827B



4C818A



567E95

# Triad

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



4C818A



8F7087



82795A

# Complementary

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



4C818A



8A554C

# 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.



90735D



4C818A



986E77

# Square

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



4C818A



7E7493



986F68



717D5F

# Rectangle

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



4C818A



627B98



986F68



87775A



# Sweetspot

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



4C818A



9BAFB3



4C8A54



4B5759



D9D9D9



595959



# Same Dimension

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



4C818A



52A5B3



4C638A



3E4445



007185



000405



# Inverse Universe

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



8A4C81



B352A5



8A734C



453E44



850071

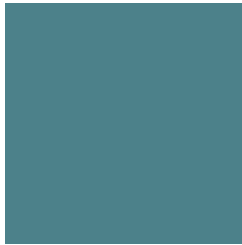


050004



# Previews

## White Background



This preview shows how the Hex color 4C818A looks on a white background.

## Color Contrast Check

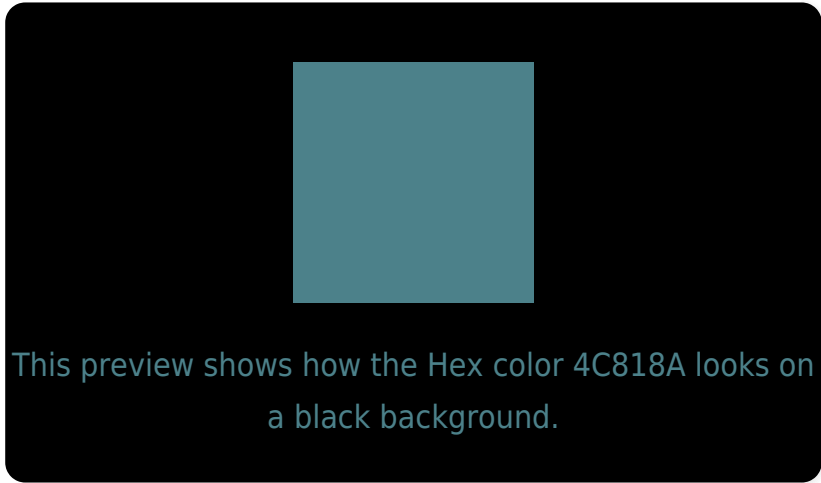
Large Text (above 18pt) WCAG AA ✓ Pass

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

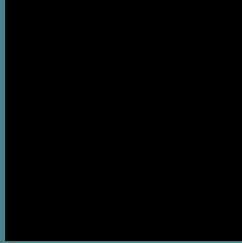
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

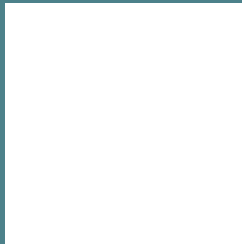
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4C818A Background



This preview shows how black text looks on a background with the Hex color 4C818A.



This preview shows how white text looks on a background with the Hex color 4C818A.

# 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**  
4C818B

# Trichromacy



**Original Color**  
4C818A

**Protanomaly**  
677B86

**Deuteranomaly**  
69798B

**Tritanomaly**  
4C818B

# Monochromacy



**Original Color**  
4C818A

**Achromatopsia**  
727272

**Achromatomaly**  
64777B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C818A 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 #4C818A looks like.

```
.text, #text, p{  
    color:#4C818A  
}
```

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 #4C818A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C818A
}
```

## Border

The CSS property to change the border of an element to Hex 4C818A 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
#4C818A }
```

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

```
.border{ border-color:#4C818A }
```

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

Here you see how a box with a 4 pixel #4C818A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C818A; -webkit-box-shadow:4px 4px  
4px 4px #4C818A; box-shadow:4px 4px 4px  
4px #4C818A }
```

# Background

The CSS property to change the background color of an element to Hex 4C818A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C818A }
```

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

```
.background{ background-color:#4C818A }
```

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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