

# Converting Colors

Hex(73818D)

Have a look what the booklet for  
Hex(73818D) contains.

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# Color

**Hex(73818D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73818D
RGB	115, 129, 141
RGB Percent	45%, 51%, 55%
CMY	0.5490, 0.4941, 0.4471
CMYK	0.18, 0.09, 0.00, 0.45
HSL	208°, 10%, 50%
HSV	208°, 18%, 55%
XYZ	19.7282, 21.2684, 28.2647
YIQ	126.1820, -12.1960, 0.7640

# Conversions

## Conversions Part 2

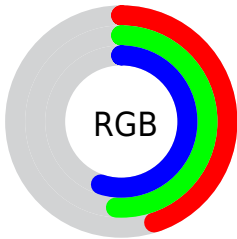
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 124, 141
Decimal	7569805
CIE <sub>Lab</sub>	53.24, -2.42, -8.20
CIE <sub>LCh</sub>	53, 8.548, 253.588
Yxy	21.2684, 0.2848, 0.3071
Android (android.graphics.Color)	4285759885 (0xFF73818D)
YUV	126.1820, 7.3053, -9.8066
Hunter-Lab	46.1177, -4.3474, -4.0554

# Details

The Hex color **73818D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D7F73**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A7B6C3**, and **43505B** is the 20% darker color. If you saturate the color by 10%, you get **657A8D**, and if you desaturate by 10%, it is **81888D**.

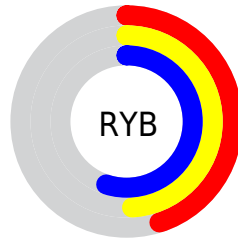
# Distribution



Red (45%)

Green (51%)

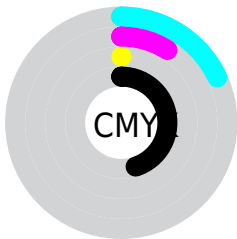
Blue (55%)



Red (45%)

Yellow (49%)

Blue (55%)

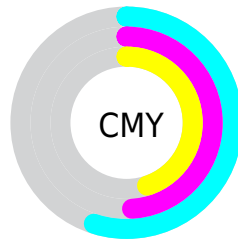


Cyan (18%)

Magenta (9%)

Yellow (0%)

Black (45%)



Cyan (55%)

Magenta (49%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73818D 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 73818D by changing the saturation by 10% instead.



■ 73818D

■ 73818D

FFFFFF

■ 5A6873

■ A7B6C3

■ 43505B

■ C2D1DF

■ 2C3943

■ DEEEFB

■ 16242D

■ FBFFFF

■ 000E19

■ 000000

■ 73818D

■ 73818D

■ 657A8D

■ 81888D

■ 57748D

■ 8F8E8D

496D8D

9D958D

3B678D

AB9B8D

2D608D

BAA28D

1E5A8D

C8A88D

10538D

D6AF8D

024D8D

E4B58D

004C8D

F2BC8D

# Harmonies

## Analogous

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



6E8389



73818D



7C7F8D

# Triad

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



73818D



8F7A7C



798274

# Complementary

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



73818D



8D7F73

# 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.



828071



73818D



8E7B75

# Square

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



73818D



8C7B83



897D71



72837B

# Rectangle

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



73818D



827D8B



897D71



7C8173



# Sweetspot

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



73818D



ADB3B8



738D7F



55595C



DBDBDB



5C5C5C



# Same Dimension

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



73818D



8FA5B8



73748D



404447



004987



000408



# Inverse Universe

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



8D7381



B88FA5



8D8C73



474044



870049



080004



# Previews

## White Background



This preview shows how the Hex color 73818D looks on a white background.

## Color Contrast Check

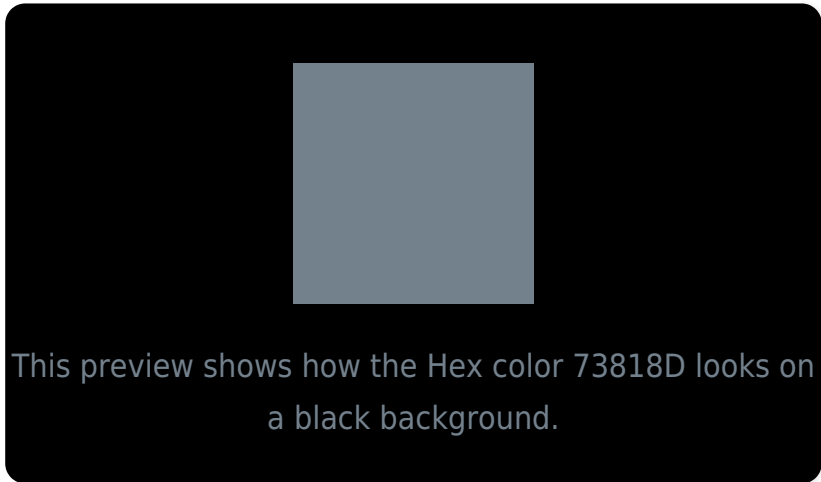
Large Text (above 18pt) WCAG AA ✓ Pass

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

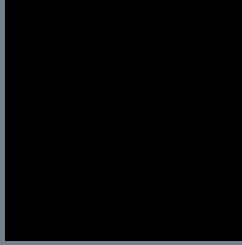
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

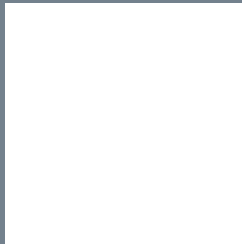
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 73818D Background



This preview shows how black text looks on a background with the Hex color 73818D.



This preview shows how white text looks on a background with the Hex color 73818D.

# 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



**Original Color**

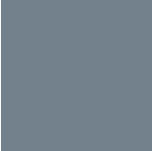
73818D

**Protanopia**

7E7E8B

**Deuteranopia**

847C8E



**Tritanopia**  
73818C

# Trichromacy



**Original Color**  
73818D

**Protanomaly**  
7A7F8C

**Deuteranomaly**  
7E7E8E

**Tritanomaly**  
73818C

# Monochromacy



**Original Color**  
73818D

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
7A7F83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73818D 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 #73818D looks like.

```
.text, #text, p{  
    color:#73818D  
}
```

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 #73818D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73818D
}
```

## Border

The CSS property to change the border of an element to Hex 73818D 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
#73818D }
```

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

```
.border{ border-color:#73818D }
```

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

Here you see how a box with a 4 pixel #73818D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73818D; -webkit-box-shadow:4px 4px  
4px 4px #73818D; box-shadow:4px 4px 4px  
4px #73818D }
```

# Background

The CSS property to change the background color of an element to Hex 73818D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73818D }
```

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

```
.background{ background-color:#73818D }
```

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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