

# Converting Colors

Hex(70818E)

Have a look what the booklet for  
Hex(70818E) contains.

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# Color

**Hex(70818E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	70818E
RGB	112, 129, 142
RGB Percent	44%, 51%, 56%
CMY	0.5608, 0.4941, 0.4431
CMYK	0.21, 0.09, 0.00, 0.44
HSL	206°, 12%, 50%
HSV	206°, 21%, 56%
XYZ	19.4148, 21.0983, 28.6403
YIQ	125.3990, -14.3050, 0.4390

# Conversions

## Conversions Part 2

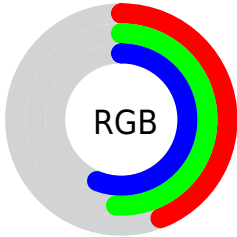
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 123, 142
Decimal	7373198
CIE <sub>Lab</sub>	53.06, -3.19, -9.08
CIE <sub>LCh</sub>	53, 9.627, 250.629
Yxy	21.0983, 0.2808, 0.3051
Android (android.graphics.Color)	4285563278 (0xFF70818E)
YUV	125.3990, 8.1843, -11.7509
Hunter-Lab	45.9328, -4.9343, -4.8158

# Details

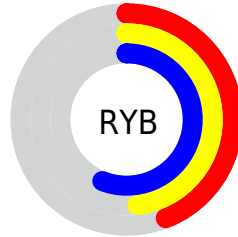
The Hex color **70818E** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8E7D70**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A4B6C4**, and **40505C** is the 20% darker color. If you saturate the color by 10%, you get **627B8E**, and if you desaturate by 10%, it is **7E878E**.

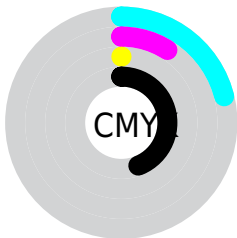
# Distribution



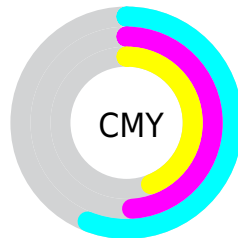
- Red (44%)
- Green (51%)
- Blue (56%)



- Red (44%)
- Yellow (48%)
- Blue (56%)



- Cyan (21%)
- Magenta (9%)
- Yellow (0%)
- Black (44%)



- Cyan (56%)
- Magenta (49%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 70818E 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 70818E by changing the saturation by 10% instead.



■ 70818E

■ 70818E

FFFFFF

■ 576874

■ A4B6C4

■ 40505C

■ BFD1E0

■ 293944

■ DBEEFC

■ 13242E

■ F8FFFF

■ 000E1A

■ 000000

■ 70818E

■ 70818E

■ 627B8E

■ 7E878E

■ 54758E

■ 8C8D8E

456F8E

9B938E

37688E

A99A8E

29628E

B7A08E

1B5C8E

C5A68E

0D568E

D3AC8E

00508E

E2B28E

F0B88E

# Harmonies

## Analogous

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



6A8389



70818E



7A7E8F

# Triad

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



70818E



90797C



798172

# Complementary

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



70818E



8E7D70

# 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.



827F6E



70818E



907A74

# Square

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



70818E



8C7A84



8B7C6F



708379

# Rectangle

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



70818E



817D8D



8B7C6F



7C8170



# Sweetspot

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



70818E



ADB3B8



708E7D



55595C



DBDBDB



5C5C5C



# Same Dimension

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



70818E



8AA4B8



70728E



404447



004D87



000408



# Inverse Universe

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



8E7081



B88AA4



8E8C70



474044



87004D



080004



# Previews

## White Background



This preview shows how the Hex color 70818E 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

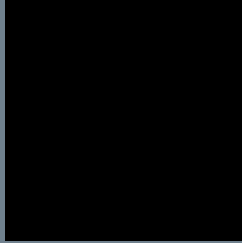
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

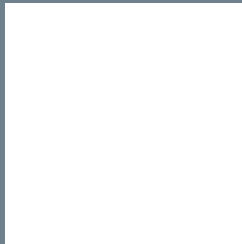
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 70818E Background



This preview shows how black text looks on a background with the Hex color 70818E.



This preview shows how white text looks on a background with the Hex color 70818E.

# 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](#).

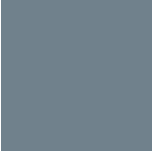
## Dichromacy



**Original Color**  
70818E

**Protanopia**  
7D7E8C

**Deuteranopia**  
837B8F



**Tritanopia**  
70818C

# Trichromacy



**Original Color**  
70818E

**Protanomaly**  
787F8D

**Deuteranomaly**  
7C7D8F

**Tritanomaly**  
70818D

# Monochromacy



**Original Color**  
70818E

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
787E83

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 70818E 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 #70818E looks like.

```
.text, #text, p{  
    color:#70818E  
}
```

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 #70818E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70818E
}
```

## Border

The CSS property to change the border of an element to Hex 70818E is called "border". The border property can be set on classes, ids or directly on the HTML element.

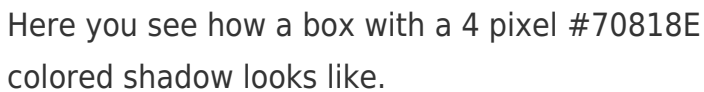
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70818E }
```

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

```
.border{ border-color:#70818E }
```

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



Here you see how a box with a 4 pixel #70818E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70818E; -webkit-box-shadow:4px 4px  
4px 4px #70818E; box-shadow:4px 4px 4px  
4px #70818E }
```

# Background

The CSS property to change the background color of an element to Hex 70818E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70818E }
```

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

```
.background{ background-color:#70818E }
```

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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