

Converting Colors

Hex(71838D)

Have a look what the booklet for
Hex(71838D) contains.

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Color

Hex(71838D)

Conversions

Conversions Part 1

Format	Color
Hex	71838D
RGB	113, 131, 141
RGB Percent	44%, 51%, 55%
CMY	0.5569, 0.4863, 0.4471
CMYK	0.20, 0.07, 0.00, 0.45
HSL	201°, 11%, 50%
HSV	201°, 20%, 55%
XYZ	19.7341, 21.6664, 28.3412
YIQ	126.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

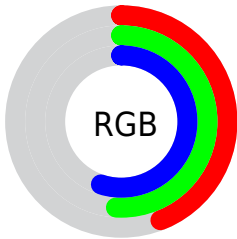
Format	Color
R_{YB}	113, 124, 141
Decimal	7439245
CIE _{Lab}	53.67, -4.24, -7.57
CIE _{LCh}	54, 8.679, 240.786
Yxy	21.6664, 0.2830, 0.3107
Android (android.graphics.Color)	4285629325 (0xFF71838D)
YUV	126.7580, 7.0213, -12.0658
Hunter-Lab	46.5472, -5.7810, -3.5170

Details

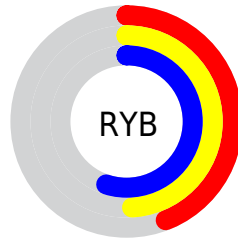
The Hex color **71838D** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8D7B71**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **A5B8C3**, and **41525B** is the 20% darker color. If you saturate the color by 10%, you get **637E8D**, and if you desaturate by 10%, it is **7F888D**.

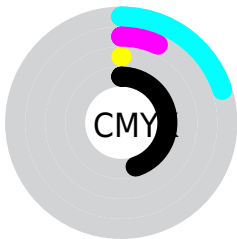
Distribution



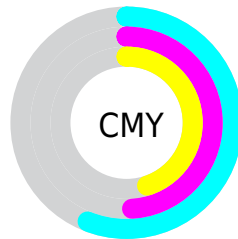
- Red (44%)
- Green (51%)
- Blue (55%)



- Red (44%)
- Yellow (49%)
- Blue (55%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (49%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71838D 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 71838D by changing the saturation by 10% instead.

■ 71838D

■ 71838D

FFFFFF

■ 586A73

■ A5B8C3

■ 41525B

■ C0D4DE

■ 2A3B43

■ DCF0FB

■ 14252D

■ F9FFFF

■ 001019

■ 000000

■ 71838D

■ 71838D

■ 637E8D

■ 7F888D

■ 55798D

■ 8D8D8D

47748D

9B928D

396F8D

A9978D

2A6A8D

B89C8D

1C658D

C6A18D

0E608D

D4A68D

005B8D

E2AB8D

F0B08D

Harmonies

Analogous

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



6E8488



71838D



79818F

Triad

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



71838D



8F7B80



7E8273

Complementary

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



71838D



8D7B71

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.



868071



71838D



907C79

Square

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



71838D



8A7C88



8D7D73



758479

Rectangle

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



71838D



7F7F8E



8D7D73



818172

Sweetspot

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



71838D



ADB4B8



718D7B



555A5C



DBDBDB



5C5C5C

Same Dimension

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



71838D



8CA8B8



71758D



404547



005787



000508

Inverse Universe

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



8D7183



B88CA8



8D8971



474045



870057



080005

Previews

White Background



This preview shows how the Hex color 71838D looks on a white background.

Color Contrast Check

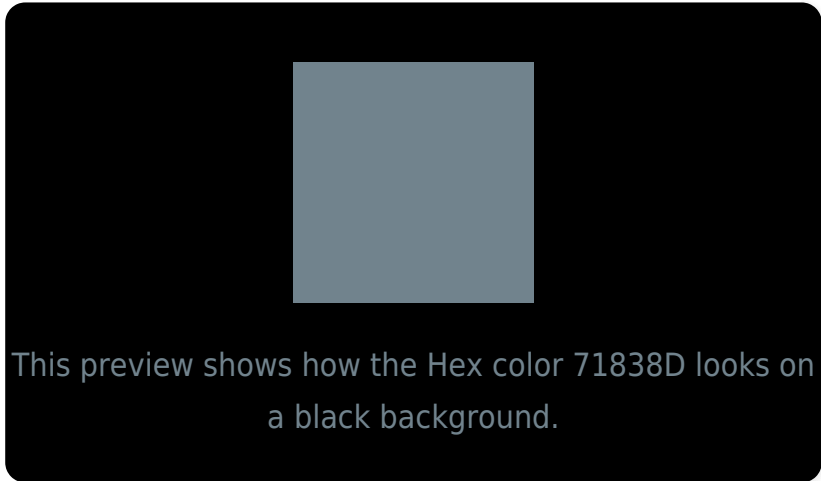
Large Text (above 18pt) WCAG AA ✓ Pass

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

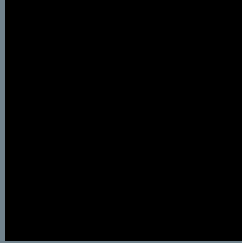
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

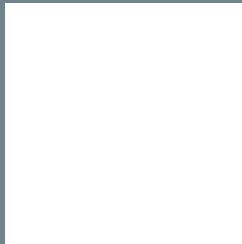
Any Text WCAG AAA × Fail

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

Hex 71838D Background



This preview shows how black text looks on a background with the Hex color 71838D.

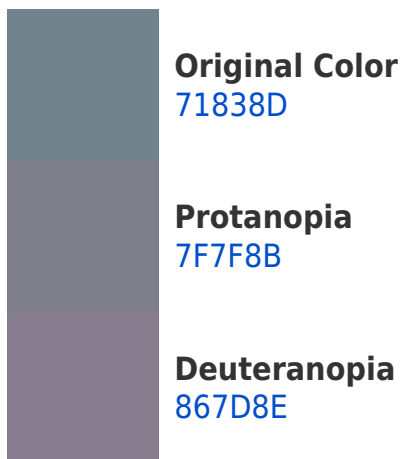


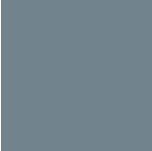
This preview shows how white text looks on a background with the Hex color 71838D.

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
71838D

Trichromacy



Original Color
71838D

Protanomaly
7A808C

Deuteranomaly
7E7F8E

Tritanomaly
71838D

Monochromacy



Original Color
71838D

Achromatopsia
7F7F7F

Achromatomaly
7A8084

CSS Examples

Text

The CSS property to change the color of the text to Hex 71838D 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 #71838D looks like.

```
.text, #text, p{  
    color:#71838D  
}
```

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 #71838D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71838D
}
```

Border

The CSS property to change the border of an element to Hex 71838D is called "border". The border property can be set on classes, ids or directly on the HTML element.

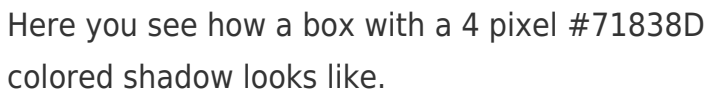
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71838D }
```

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

```
.border{ border-color:#71838D }
```

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



Here you see how a box with a 4 pixel #71838D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71838D; -webkit-box-shadow:4px 4px  
4px 4px #71838D; box-shadow:4px 4px 4px  
4px #71838D }
```

Background

The CSS property to change the background color of an element to Hex 71838D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71838D }
```

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

```
.background{ background-color:#71838D }
```

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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