

Converting Colors

Hex(71718D)

Have a look what the booklet for
Hex(71718D) contains.

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Color

Hex(71718D)

Conversions

Conversions Part 1

Format	Color
Hex	71718D
RGB	113, 113, 141
RGB Percent	44%, 44%, 55%
CMY	0.5569, 0.5569, 0.4471
CMYK	0.20, 0.20, 0.00, 0.45
HSL	240°, 11%, 50%
HSV	240°, 20%, 55%
XYZ	17.5229, 17.2441, 27.6042
YIQ	116.1920, -8.9880, 8.7080

Conversions

Conversions Part 2

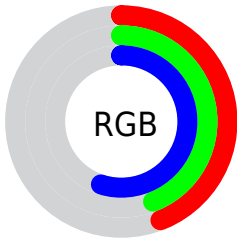
Format	Color
R_{YB}	113, 113, 141
Decimal	7434637
CIE Lab	48.57, 6.27, -15.26
CIE LCh	49, 16.498, 292.337
Yxy	17.2441, 0.2809, 0.2765
Android (android.graphics.Color)	4285624717 (0xFF71718D)
YUV	116.1920, 12.2303, -2.7994
Hunter-Lab	41.5260, 2.6520, -10.3446

Details

The Hex color **71718D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **8D8D71**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **A5A5C3**, and **41415B** is the 20% darker color. If you saturate the color by 10%, you get **63638D**, and if you desaturate by 10%, it is **7F7F8D**.

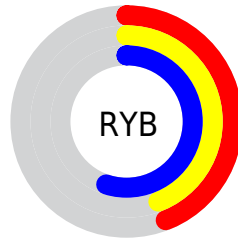
Distribution



Red (44%)

Green (44%)

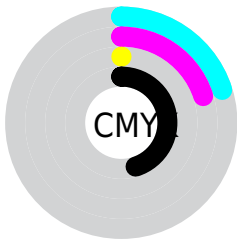
Blue (55%)



Red (44%)

Yellow (44%)

Blue (55%)

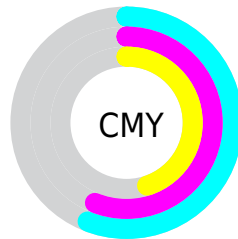


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (56%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 71718D 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 71718D by changing the saturation by 10% instead.

■ 71718D

■ 71718D

FFFFFF

■ 585973

■ A5A5C3

■ 41415B

■ C0C0DF

■ 2A2B43

■ DCDCFB

■ 14172D

■ F9F8FF

■ 000119

■ 000000

■ 71718D

■ 71718D

■ 63638D

■ 7F7F8D

■ 55558D

■ 8D8D8D

47478D

9B9B8D

39398D

A9A98D

2A2A8D

B8B88D

1C1C8D

C6C68D

0E0E8D

D4D48D

00008D

E2E28D

F0F08D

Harmonies

Analogous

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



5E768F



71718D



826C85

Triad

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



71718D



8C6D5E



547B6F

Complementary

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



71718D



8D8D71

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.



637962



71718D



817158

Square

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



71718D



906A69



737659



4C7B7D

Rectangle

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



71718D



8A6A7C



737659



597B6A

Sweetspot

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



71718D



ADADB8



718D8D



55555C



DBDBDB



5C5C5C

Same Dimension

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



71718D



8C8CB8



7F718D



404047



000087



000008

Inverse Universe

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



8D718D



B88CB8



7F8D71



474047



870087



080008

Previews

White Background



This preview shows how the Hex color 71718D looks on a white background.

Color Contrast Check

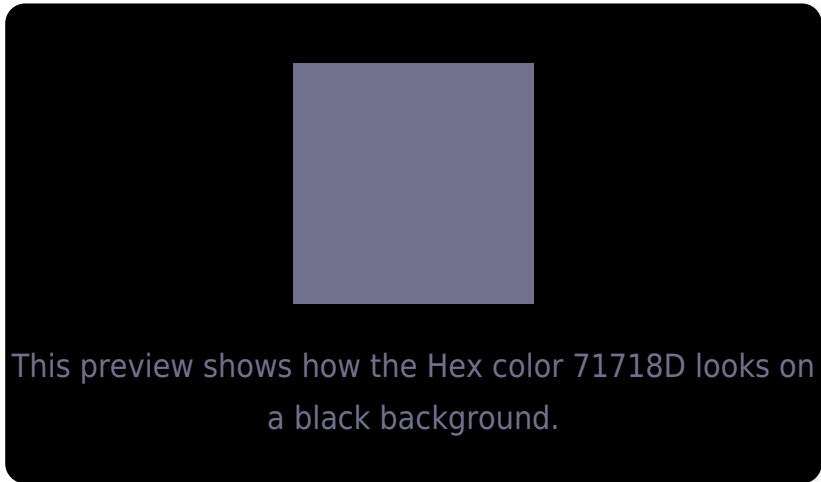
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

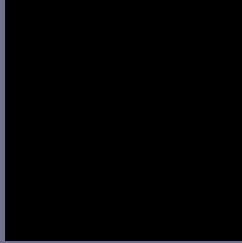
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

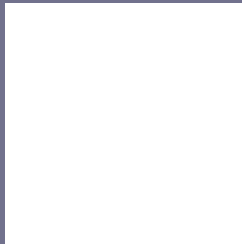
Any Text WCAG AAA × Fail

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

Hex 71718D Background



This preview shows how black text looks on a background with the Hex color 71718D.



This preview shows how white text looks on a background with the Hex color 71718D.

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

71718D

Protanopia

6D728E

Deuteranopia

72718D



Tritanopia
6E747D

Trichromacy



Original Color
71718D

Protanomaly
6E728E

Deuteranomaly
72718D

Tritanomaly
6F7383

Monochromacy



Original Color
71718D

Achromatopsia
747474

Achromatomaly
73737D

CSS Examples

Text

The CSS property to change the color of the text to Hex 71718D 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 #71718D looks like.

```
.text, #text, p{  
    color:#71718D  
}
```

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 #71718D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71718D
}
```

Border

The CSS property to change the border of an element to Hex 71718D is called "border". The border property can be set on classes, ids or directly on the HTML element.

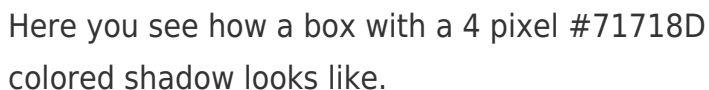
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#71718D }
```

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

```
.border{ border-color:#71718D }
```

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



Here you see how a box with a 4 pixel #71718D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71718D; -webkit-box-shadow:4px 4px  
4px 4px #71718D; box-shadow:4px 4px 4px  
4px #71718D }
```

Background

The CSS property to change the background color of an element to Hex 71718D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71718D }
```

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

```
.background{ background-color:#71718D }
```

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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