

Converting Colors

Hex(70778B)

Have a look what the booklet for
Hex(70778B) contains.

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Color

Hex(70778B)

Conversions

Conversions Part 1

Format	Color
Hex	70778B
RGB	112, 119, 139
RGB Percent	44%, 47%, 55%
CMY	0.5608, 0.5333, 0.4549
CMYK	0.19, 0.14, 0.00, 0.45
HSL	224°, 11%, 49%
HSV	224°, 19%, 55%
XYZ	17.9391, 18.5025, 27.0519
YIQ	119.1870, -10.5920, 4.7360

Conversions

Conversions Part 2

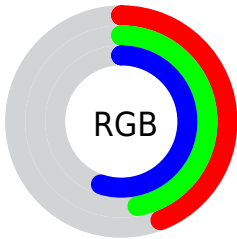
Format	Color
R_{YB}	112, 118, 139
Decimal	7370635
CIE Lab	50.10, 1.89, -11.77
CIE LCh	50, 11.917, 279.145
Yxy	18.5025, 0.2825, 0.2914
Android (android.graphics.Color)	4285560715 (0xFF70778B)
YUV	119.1870, 9.7678, -6.3030
Hunter-Lab	43.0145, -0.8323, -7.1775

Details

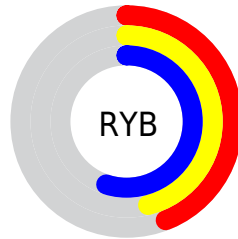
The Hex color **70778B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8470**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A4ABC0**, and **404759** is the 20% darker color. If you saturate the color by 10%, you get **626D8B**, and if you desaturate by 10%, it is **7E818B**.

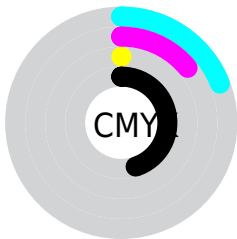
Distribution



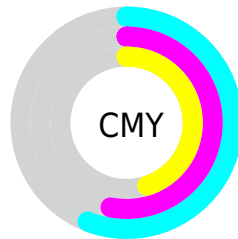
- Red (44%)
- Green (47%)
- Blue (55%)



- Red (44%)
- Yellow (46%)
- Blue (55%)



- Cyan (19%)
- Magenta (14%)
- Yellow (0%)
- Black (45%)



- Cyan (56%)
- Magenta (53%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70778B 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 70778B by changing the saturation by 10% instead.

■ 70778B

■ 70778B

FFFFFF

■ 575E72

■ A4ABC0

■ 404759

■ BFC6DC

■ 293042

■ DBE2F9

■ 141C2B

■ F8FFFF

■ 000017

■ 000000

■ 70778B

■ 70778B

■ 626D8B

■ 7E818B

■ 54628B

■ 8C8C8B

46588B

9A968B

384E8B

A8A08B

2B448B

B6AA8B

1D398B

C3B58B

0F2F8B

D1BF8B

01258B

DFC98B

00248B

EDD48B

Harmonies

Analogous

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



647A8A



70778B



7D7487

Triad

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



70778B



8C716B



667D70

Complementary

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



70778B



8B8470

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.



707A67



70778B



867465

Square

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



70778B



8C7074



7C7763



5E7D7A

Rectangle

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



70778B



847282



7C7763



697C6D

Sweetspot

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



70778B



AAADB5



708B84



55575C



DBDBDB



5C5C5C

Same Dimension

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



70778B



8B96B5



76708B



3E4045



002285



000105

Inverse Universe

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



8B7077



B58B96



858B70



453E40



850022



050001

Previews

White Background



This preview shows how the Hex color 70778B looks on a white background.

Color Contrast Check

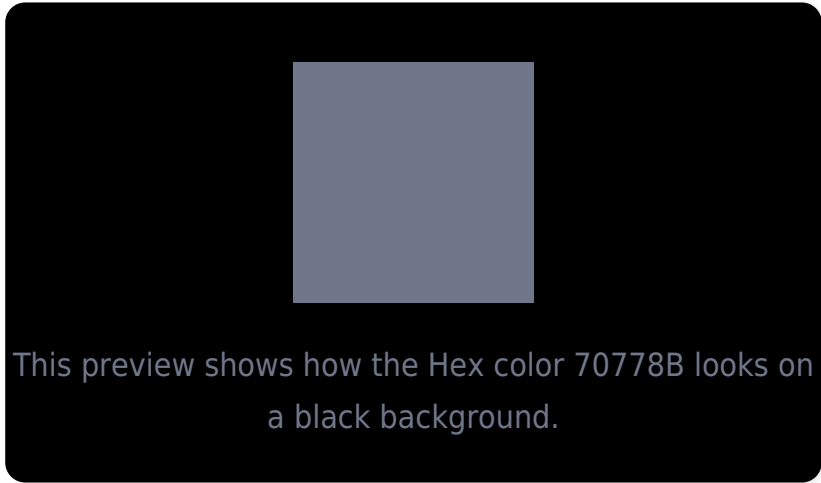
Large Text (above 18pt) WCAG AA ✓ Pass

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

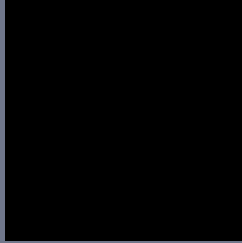
Any Text WCAG AA ✓ Pass

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 70778B Background



This preview shows how black text looks on a background with the Hex color 70778B.

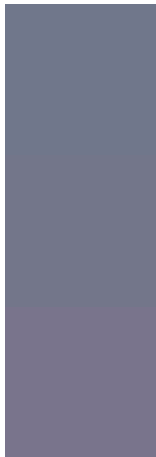


This preview shows how white text looks on a background with the Hex color 70778B.

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
70778B

Protanopia
73768A

Deuteranopia
79748C



Tritanopia
6E7982

Trichromacy



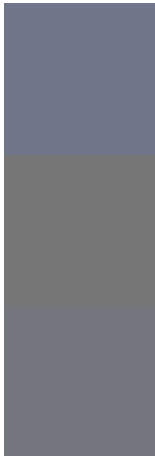
Original Color
70778B

Protanomaly
72768A

Deuteranomaly
76758C

Tritanomaly
6F7885

Monochromacy



Original Color
70778B

Achromatopsia
777777

Achromatomaly
74777E

CSS Examples

Text

The CSS property to change the color of the text to Hex 70778B 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 #70778B looks like.

```
.text, #text, p{  
    color:#70778B  
}
```

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 #70778B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70778B
}
```

Border

The CSS property to change the border of an element to Hex 70778B 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
#70778B }
```

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

```
.border{ border-color:#70778B }
```

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

Here you see how a box with a 4 pixel #70778B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70778B; -webkit-box-shadow:4px 4px  
4px 4px #70778B; box-shadow:4px 4px 4px  
4px #70778B }
```

Background

The CSS property to change the background color of an element to Hex 70778B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70778B }
```

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

```
.background{ background-color:#70778B }
```

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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