

Converting Colors

Hex(75808B)

Have a look what the booklet for
Hex(75808B) contains.

Hex(75808B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(75808B)

Conversions

Conversions Part 1

Format	Color
Hex	75808B
RGB	117, 128, 139
RGB Percent	46%, 50%, 55%
CMY	0.5412, 0.4980, 0.4549
CMYK	0.16, 0.08, 0.00, 0.45
HSL	210°, 9%, 50%
HSV	210°, 16%, 55%
XYZ	19.7155, 21.0843, 27.4567
YIQ	125.9650, -10.0870, 1.0890

Conversions

Conversions Part 2

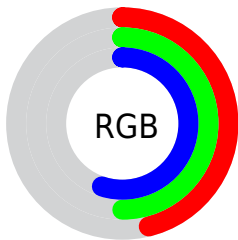
Format	Color
R_{YB}	117, 124, 139
Decimal	7700619
CIE Lab	53.04, -1.62, -7.32
CIE LCh	53, 7.494, 257.553
Yxy	21.0843, 0.2888, 0.3089
Android (android.graphics.Color)	4285890699 (0xFF75808B)
YUV	125.9650, 6.4263, -7.8623
Hunter-Lab	45.9177, -3.7141, -3.3103

Details

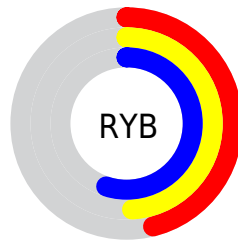
The Hex color **75808B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8B8075**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **A9B5C0**, and **454F59** is the 20% darker color. If you saturate the color by 10%, you get **67798B**, and if you desaturate by 10%, it is **83878B**.

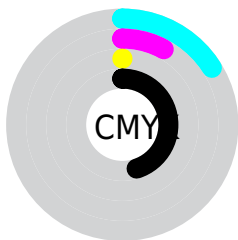
Distribution



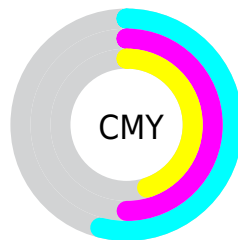
- Red (46%)
- Green (50%)
- Blue (55%)



- Red (46%)
- Yellow (49%)
- Blue (55%)



- Cyan (16%)
- Magenta (8%)
- Yellow (0%)
- Black (45%)



- Cyan (54%)
- Magenta (50%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75808B 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 75808B by changing the saturation by 10% instead.

■ 75808B

■ 75808B

FFFFFF

■ 5C6772

■ A9B5C0

■ 454F59

■ C5D0DC

■ 2E3842

■ E1EDF9

■ 19232C

FDFFFF

■ 000D17

■ 000000

■ 75808B

■ 75808B

■ 67798B

■ 83878B

■ 59728B

■ 918E8B

4B6B8B

9F958B

3D648B

AD9C8B

305D8B

BBA38B

22568B

C8AA8B

144F8B

D6B18B

06488B

E4B88B

00468B

F2BF8B

Harmonies

Analogous

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



708288



75808B



7D7E8B

Triad

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



75808B



8D7A7B



788176

Complementary

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



75808B



8B8075

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.



807F72



75808B



8B7B75

Square

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



75808B



8A7B82



877D72



72827C

Rectangle

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



75808B



827C89



877D72



7B8174

Sweetspot

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



75808B



ACB1B5



758B80



56595C



DBDBDB



5C5C5C

Same Dimension

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



75808B



93A4B5



75758B



3E4145



004285



000305

Inverse Universe

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



8B7580



B593A4



8B8B75



453E41



850042



050003

Previews

White Background



This preview shows how the Hex color 75808B looks on a white background.

Color Contrast Check

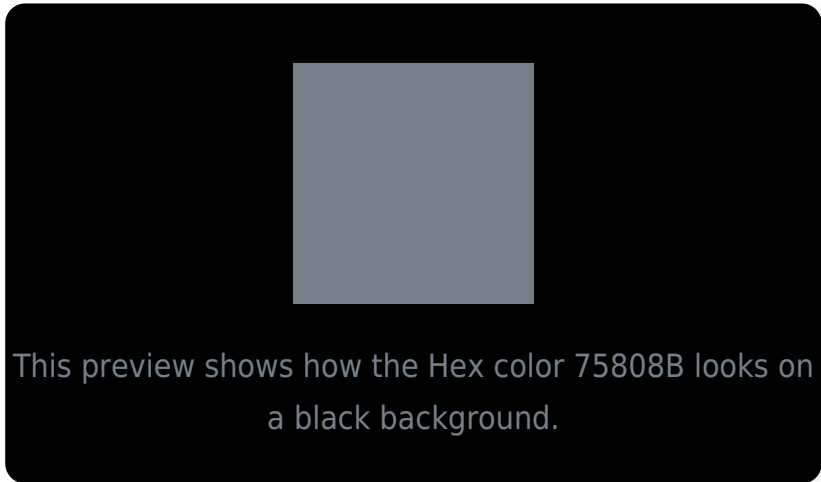
Large Text (above 18pt) WCAG AA ✓ Pass

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

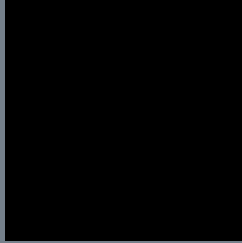
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

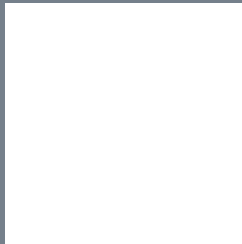
Any Text WCAG AAA × Fail

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

Hex 75808B Background



This preview shows how black text looks on a background with the Hex color 75808B.

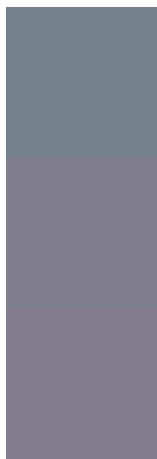


This preview shows how white text looks on a background with the Hex color 75808B.

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

75808B

Protanopia

7D7E8A

Deuteranopia

847B8C



Tritanopia
75808A

Trichromacy



Original Color
75808B

Protanomaly
7A7F8A

Deuteranomaly
7F7D8C

Tritanomaly
75808A

Monochromacy



Original Color
75808B

Achromatopsia
7E7E7E

Achromatomaly
7B7F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 75808B 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 #75808B looks like.

```
.text, #text, p{  
    color:#75808B  
}
```

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 #75808B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75808B
}
```

Border

The CSS property to change the border of an element to Hex 75808B is called "border". The border property can be set on classes, ids or directly on the HTML element.

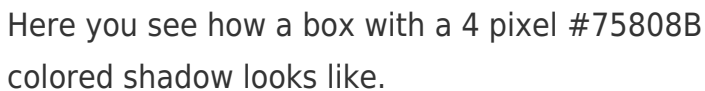
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#75808B }
```

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

```
.border{ border-color:#75808B }
```

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



Here you see how a box with a 4 pixel #75808B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75808B; -webkit-box-shadow:4px 4px  
4px 4px #75808B; box-shadow:4px 4px 4px  
4px #75808B }
```

Background

The CSS property to change the background color of an element to Hex 75808B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75808B }
```

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

```
.background{ background-color:#75808B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor