

Converting Colors

Hex(78778B)

Have a look what the booklet for
Hex(78778B) contains.

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Color

Hex(78778B)

Conversions

Conversions Part 1

Format	Color
Hex	78778B
RGB	120, 119, 139
RGB Percent	47%, 47%, 55%
CMY	0.5294, 0.5333, 0.4549
CMYK	0.14, 0.14, 0.00, 0.45
HSL	243°, 8%, 51%
HSV	243°, 14%, 55%
XYZ	19.0028, 19.0508, 27.1017
YIQ	121.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

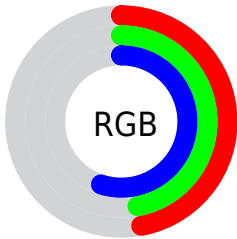
Format	Color
R_{YB}	120, 119, 139
Decimal	7894923
CIE _{Lab}	50.75, 4.67, -10.73
CIE _{LCh}	51, 11.699, 293.510
Yxy	19.0508, 0.2917, 0.2924
Android (android.graphics.Color)	4286085003 (0xFF78778B)
YUV	121.5790, 8.5886, -1.3848
Hunter-Lab	43.6472, 1.3312, -6.2617

Details

The Hex color **78778B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8A8B77**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **ACABC0**, and **474759** is the 20% darker color. If you saturate the color by 10%, you get **6B698B**, and if you desaturate by 10%, it is **85858B**.

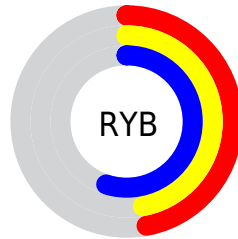
Distribution



Red (47%)

Green (47%)

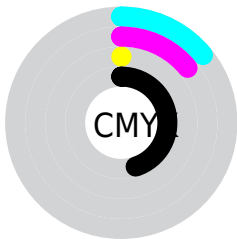
Blue (55%)



Red (47%)

Yellow (47%)

Blue (55%)

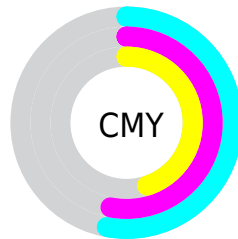


Cyan (14%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (53%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78778B 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 78778B by changing the saturation by 10% instead.

■ 78778B

■ 78778B

FFFFFF

■ 5F5E72

■ ACABC0

■ 474759

■ C8C6DC

■ 313042

■ E4E2F9

■ 1B1C2B

■ 030017

■ 000000

■ 78778B

■ 78778B

■ 6B698B

■ 85858B

■ 5E5B8B

■ 92938B

504D8B

A0A18B

433F8B

ADAF8B

36318B

BABC8B

29248B

C7CA8B

1C168B

D4D88B

0E088B

E2E68B

07008B

EFF48B

Harmonies

Analogous

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



6B7A8C



78778B



847485

Triad

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



78778B



8B7469



637F76

Complementary

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



78778B



8A8B77

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.



6D7D6D



78778B



837765

Square

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



78778B



8E7271



787B66



5F7F80

Rectangle

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



78778B



8A737F



787B66



667E73

Sweetspot

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



78778B



AEAEB5



778A8B



57575C



DBDBDB



5C5C5C

Same Dimension

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



78778B



9896B5



82778B



3E3E45



070085



000005

Inverse Universe

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



8B778A



B596B4



808B77



453E45



85007E



050005

Previews

White Background



This preview shows how the Hex color 78778B looks on a white background.

Color Contrast Check

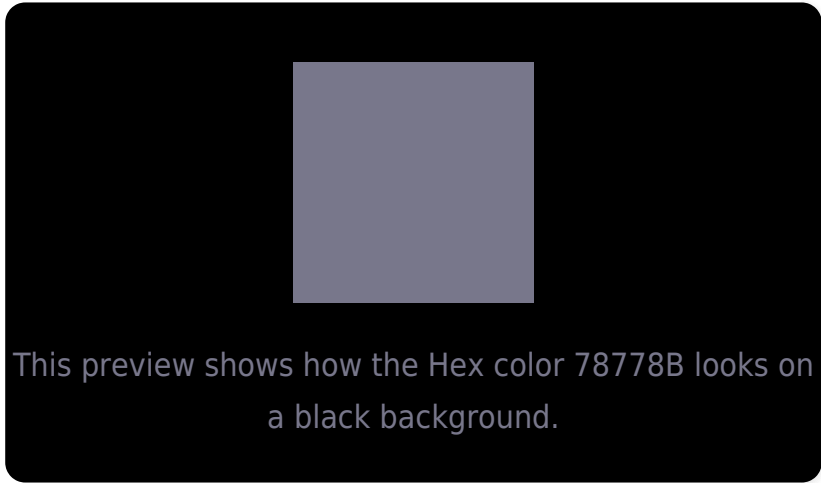
Large Text (above 18pt) WCAG AA ✓ Pass

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

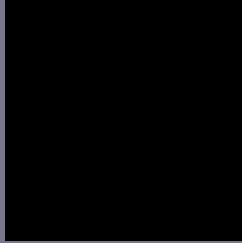
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

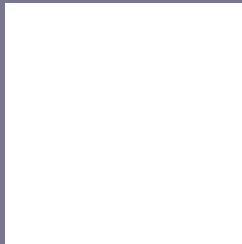
Any Text WCAG AAA × Fail

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

Hex 78778B Background



This preview shows how black text looks on a background with the Hex color 78778B.



This preview shows how white text looks on a background with the Hex color 78778B.

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
78778B

Protanopia
75788C

Deuteranopia
7C768B



Tritanopia
767982

Trichromacy



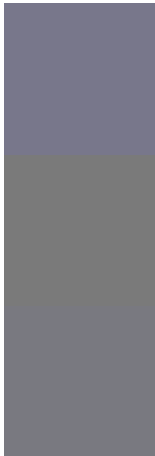
Original Color
78778B

Protanomaly
76788C

Deuteranomaly
7B768B

Tritanomaly
777885

Monochromacy



Original Color
78778B

Achromatopsia
7A7A7A

Achromatomaly
797980

CSS Examples

Text

The CSS property to change the color of the text to Hex 78778B 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 #78778B looks like.

```
.text, #text, p{  
    color:#78778B  
}
```

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 #78778B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78778B
}
```

Border

The CSS property to change the border of an element to Hex 78778B 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
#78778B }
```

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

```
.border{ border-color:#78778B }
```

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

Here you see how a box with a 4 pixel #78778B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78778B; -webkit-box-shadow:4px 4px  
4px 4px #78778B; box-shadow:4px 4px 4px  
4px #78778B }
```

Background

The CSS property to change the background color of an element to Hex 78778B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78778B }
```

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

```
.background{ background-color:#78778B }
```

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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