

Converting Colors

Hex(78738B)

Have a look what the booklet for
Hex(78738B) contains.

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Color

Hex(78738B)

Conversions

Conversions Part 1

Format	Color
Hex	78738B
RGB	120, 115, 139
RGB Percent	47%, 45%, 55%
CMY	0.5294, 0.5490, 0.4549
CMYK	0.14, 0.17, 0.00, 0.45
HSL	252°, 9%, 50%
HSV	252°, 17%, 55%
XYZ	18.5367, 18.1186, 26.9464
YIQ	119.2310, -4.7240, 8.5240

Conversions

Conversions Part 2

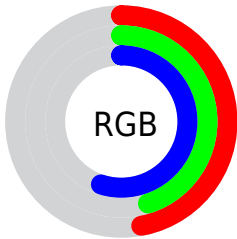
Format	Color
R_{YB}	120, 115, 139
Decimal	7893899
CIE Lab	49.64, 7.03, -12.40
CIE LCh	50, 14.249, 299.552
Yxy	18.1186, 0.2914, 0.2849
Android (android.graphics.Color)	4286083979 (0xFF78738B)
YUV	119.2310, 9.7461, 0.6744
Hunter-Lab	42.5660, 3.2429, -7.7373

Details

The Hex color **78738B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **868B73**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **ACA7C1**, and **474359** is the 20% darker color. If you saturate the color by 10%, you get **6D658B**, and if you desaturate by 10%, it is **83818B**.

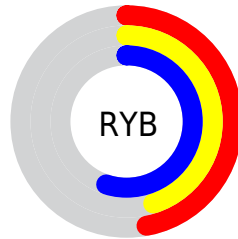
Distribution



Red (47%)

Green (45%)

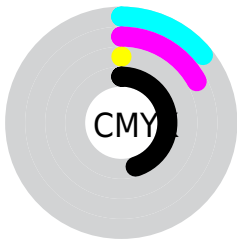
Blue (55%)



Red (47%)

Yellow (45%)

Blue (55%)

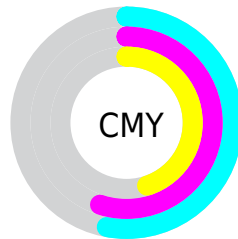


Cyan (14%)

Magenta (17%)

Yellow (0%)

Black (45%)



Cyan (53%)

Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 78738B 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 78738B by changing the saturation by 10% instead.

■ 78738B

■ 78738B

FFFFFF

■ 5F5A72

■ ACA7C1

■ 474359

■ C8C2DC

■ 312D42

■ E4DEF9

■ 1B182B

■ FFFBFF

■ 010017

■ 000000

■ 78738B

■ 78738B

■ 6D658B

■ 83818B

■ 62578B

■ 8E8F8B

■ 57498B

■ 999D8B

■ 4C3B8B

■ A4AB8B

■ 412E8B

■ AFB98B

■ 36208B

■ BAC68B

■ 2B128B

■ C5D48B

■ 20048B

■ D0E28B

■ 1D008B

■ DBF08B

Harmonies

Analogous

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



68778E



78738B



866F82

Triad

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



78738B



8A7162



5A7D75

Complementary

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



78738B



868B73

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.



657C69



78738B



80755E

Square

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



78738B



8F6E6B



727961



557D81

Rectangle

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



78738B



8C6E7B



727961



5D7D71

Sweetspot

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



78738B



AEACB5



73868B



57565C



DBDBDB



5C5C5C

Same Dimension

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



78738B



978FB5



84738B



3F3E45



1C0085



010005

Inverse Universe

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



8B7386



B58FAD



7A8B73



453E43



850069



050004

Previews

White Background



This preview shows how the Hex color 78738B looks on a white background.

Color Contrast Check

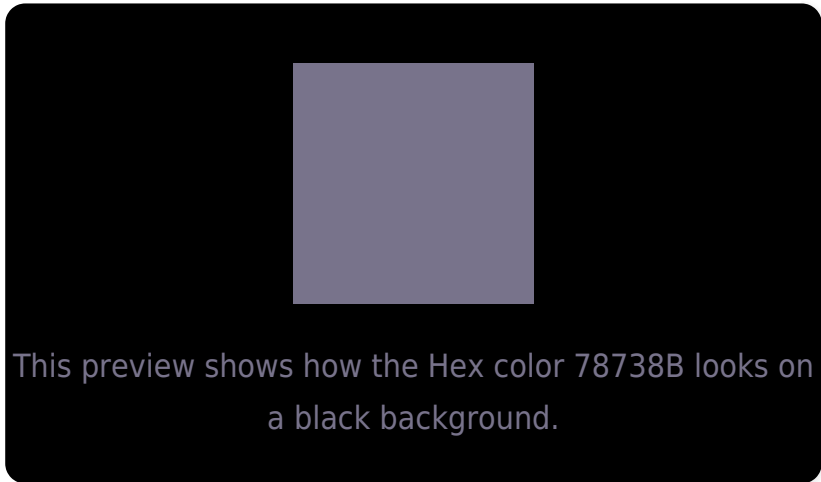
Large Text (above 18pt) WCAG AA ✓ Pass

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

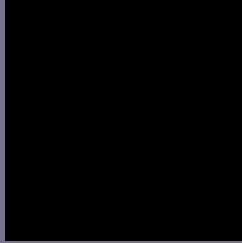
Any Text WCAG AA ✓ Pass

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 78738B Background



This preview shows how black text looks on a background with the Hex color 78738B.



This preview shows how white text looks on a background with the Hex color 78738B.

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
78738B

Protanopia
71758C

Deuteranopia
77738B



Tritanopia
76757E

Trichromacy



Original Color
78738B

Protanomaly
74748C

Deuteranomaly
77738B

Tritanomaly
777483

Monochromacy



Original Color
78738B

Achromatopsia
777777

Achromatomaly
77767E

CSS Examples

Text

The CSS property to change the color of the text to Hex 78738B 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 #78738B looks like.

```
.text, #text, p{  
    color:#78738B  
}
```

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 #78738B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #78738B
}
```

Border

The CSS property to change the border of an element to Hex 78738B 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
#78738B }
```

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

```
.border{ border-color:#78738B }
```

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

Here you see how a box with a 4 pixel #78738B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #78738B; -webkit-box-shadow:4px 4px  
4px 4px #78738B; box-shadow:4px 4px 4px  
4px #78738B }
```

Background

The CSS property to change the background color of an element to Hex 78738B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#78738B }
```

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

```
.background{ background-color:#78738B }
```

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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