

# Converting Colors

Hex(81738D)

Have a look what the booklet for  
Hex(81738D) contains.

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# Color

**Hex(81738D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81738D
RGB	129, 115, 141
RGB Percent	51%, 45%, 55%
CMY	0.4941, 0.5490, 0.4471
CMYK	0.09, 0.18, 0.00, 0.45
HSL	272°, 10%, 50%
HSV	272°, 18%, 55%
XYZ	19.9917, 18.8517, 27.7844
YIQ	122.1500, -0.0020, 11.0540

# Conversions

## Conversions Part 2

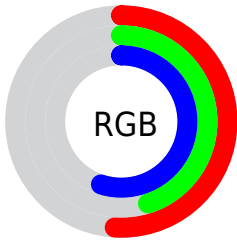
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 115, 141
Decimal	8483725
CIE <sub>Lab</sub>	50.51, 10.66, -12.18
CIE <sub>LCh</sub>	51, 16.184, 311.195
Yxy	18.8517, 0.3001, 0.2829
Android (android.graphics.Color)	4286673805 (0xFF81738D)
YUV	122.1500, 9.2931, 6.0075
Hunter-Lab	43.4185, 6.2065, -7.5479

# Details

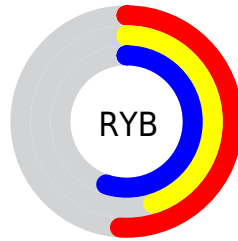
The Hex color **81738D** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F8D73**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **B6A7C3**, and **50435B** is the 20% darker color. If you saturate the color by 10%, you get **7A658D**, and if you desaturate by 10%, it is **88818D**.

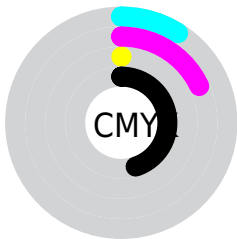
# Distribution



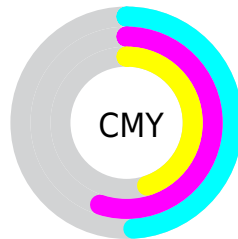
- Red (51%)
- Green (45%)
- Blue (55%)



- Red (51%)
- Yellow (45%)
- Blue (55%)



- Cyan (9%)
- Magenta (18%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (55%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81738D 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 81738D by changing the saturation by 10% instead.



81738D

81738D

FFFFFF

685A73

B6A7C3

50435B

D2C2DF

382D43

EEDEFB

23182D

FFFBFF

0F0019

000000

81738D

81738D

7A658D

88818D

74578D

8E8F8D

6D498D

959D8D

673B8D

9BAB8D

602D8D

A2BA8D

5A1E8D

A8C88D

53108D

AFD68D

4D028D

B5E48D

4C008D

BCF28D

# Harmonies

## Analogous

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



6F7893



81738D



8E6F81

# Triad

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



81738D



8B745F



54807D

# Complementary

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



81738D



7F8D73

# 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.



5F7F6F



81738D



7D795D

# Square

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



81738D



937067



6E7D63



537F8A

# Rectangle

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



81738D



936E78



6E7D63



578078



# Sweetspot

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



81738D



B3ADB8



737F8D



59555C



DBDBDB



5C5C5C



# Same Dimension

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



81738D



A58FB8



8D738C



444047



490087



040008



# Inverse Universe

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



8D737F



B88FA2



738D74



474044



87003E

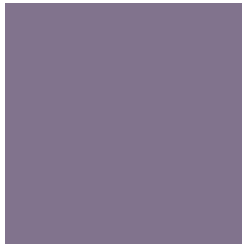


080004



# Previews

## White Background



This preview shows how the Hex color 81738D looks on a white background.

## Color Contrast Check

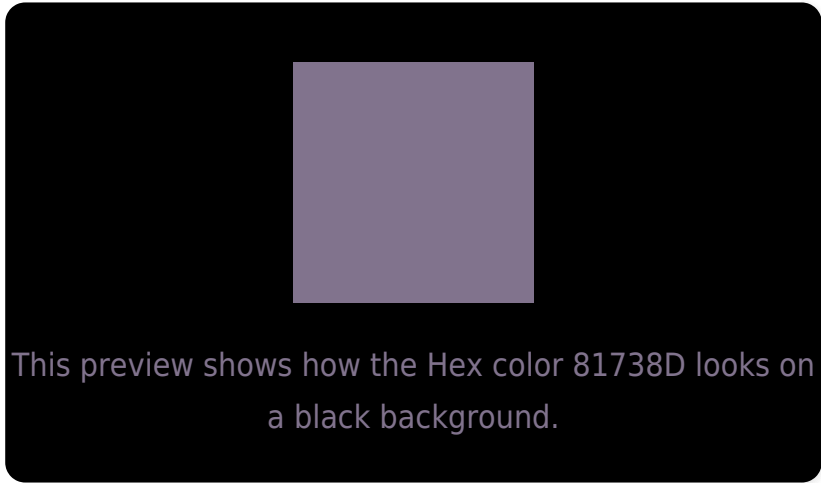
Large Text (above 18pt) WCAG AA ✓ Pass

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

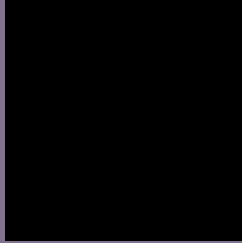
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 81738D Background



This preview shows how black text looks on a background with the Hex color 81738D.



This preview shows how white text looks on a background with the Hex color 81738D.

# 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](#).

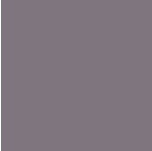
## Dichromacy



**Original Color**  
81738D

**Protanopia**  
737790

**Deuteranopia**  
7A758D



**Tritanopia**  
7F757F

# Trichromacy



**Original Color**  
81738D

**Protanomaly**  
78768F

**Deuteranomaly**  
7D748D

**Tritanomaly**  
807484

# Monochromacy



**Original Color**  
81738D

**Achromatopsia**  
7A7A7A

**Achromatomaly**  
7D7781

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81738D 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 #81738D looks like.

```
.text, #text, p{  
    color:#81738D  
}
```

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 #81738D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81738D
}
```

## Border

The CSS property to change the border of an element to Hex 81738D is called "border". The border property can be set on classes, ids or directly on the HTML element.

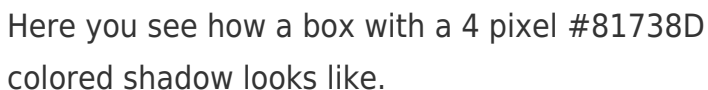
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81738D }
```

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

```
.border{ border-color:#81738D }
```

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

A rectangular box with a 4px purple shadow. The box is white with a thin purple border and a thicker purple shadow on the right and bottom sides. The text inside the box reads: "Here you see how a box with a 4 pixel #81738D colored shadow looks like."

Here you see how a box with a 4 pixel #81738D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81738D; -webkit-box-shadow:4px 4px  
4px 4px #81738D; box-shadow:4px 4px 4px  
4px #81738D }
```

# Background

The CSS property to change the background color of an element to Hex 81738D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81738D }
```

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

```
.background{ background-color:#81738D }
```

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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