

Converting Colors

Hex(83628D)

Have a look what the booklet for
Hex(83628D) contains.

Hex(83628D)	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(83628D)

Conversions

Conversions Part 1

Format	Color
Hex	83628D
RGB	131, 98, 141
RGB Percent	51%, 38%, 55%
CMY	0.4863, 0.6157, 0.4471
CMYK	0.07, 0.30, 0.00, 0.45
HSL	286°, 18%, 47%
HSV	286°, 30%, 55%
XYZ	18.5355, 15.4837, 27.2110
YIQ	112.7690, 5.8650, 20.3690

Conversions

Conversions Part 2

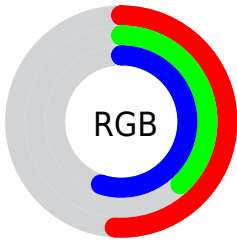
Format	Color
R_{YB}	131, 98, 141
Decimal	8610445
CIE _{Lab}	46.29, 21.46, -18.58
CIE _{LCh}	46, 28.387, 319.114
Yxy	15.4837, 0.3027, 0.2529
Android (android.graphics.Color)	4286800525 (0xFF83628D)
YUV	112.7690, 13.9179, 15.9886
Hunter-Lab	39.3494, 15.2207, -13.4559

Details

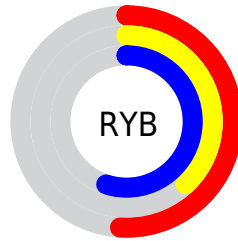
The Hex color **83628D** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **6C8D62**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B995C3**, and **51335B** is the 20% darker color. If you saturate the color by 10%, you get **80548D**, and if you desaturate by 10%, it is **86708D**.

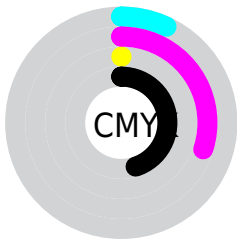
Distribution



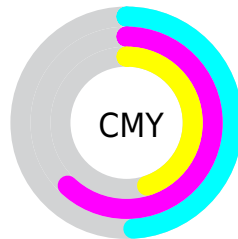
- Red (51%)
- Green (38%)
- Blue (55%)



- Red (51%)
- Yellow (38%)
- Blue (55%)



- Cyan (7%)
- Magenta (30%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83628D 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 83628D by changing the saturation by 10% instead.

83628D

83628D

FFFFFF

694A73

B995C3

51335B

D4B0DF

391D43

F1CBFB

23072D

FFE8FF

000018

000000

83628D

83628D

80548D

86708D

7C468D

8A7E8D

79388D

8D8C8D

762A8D

909A8D

731C8D

93A98D

6F0D8D

97B78D

6C008D

9AC58D

9DD38D

A1E18D

Harmonies

Analogous

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



636B9A



83628D



965C77

Triad

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



83628D



85693F



067A7C

Complementary

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



83628D



6C8D62

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.



337A64



83628D



6E7140

Square

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



83628D



95614B



53774E



057891

Rectangle

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



83628D



9C5B67



53774E



197A74

Sweetspot

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



83628D



B4A7B8



626C8D



59525C



DBDBDB



5C5C5C

Same Dimension

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



83628D



A874B8



8D6282



464047



680087



060008

Inverse Universe

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



8D626C



B87483



628D6D



474042



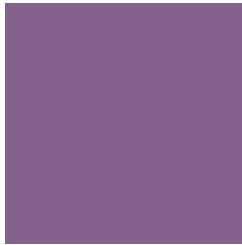
87001F



080002

Previews

White Background



This preview shows how the Hex color 83628D looks on a white background.

Color Contrast Check

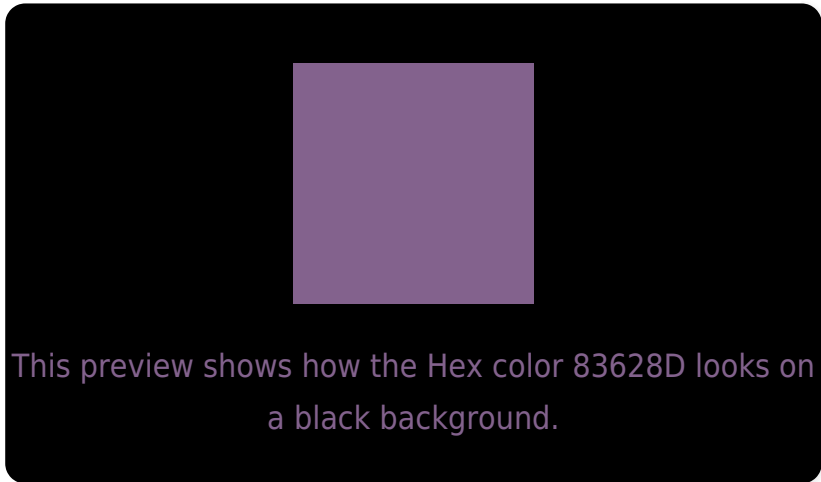
Large Text (above 18pt) WCAG AA ✓ Pass

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

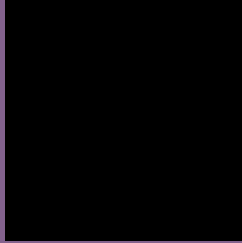
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 83628D Background



This preview shows how black text looks on a background with the Hex color 83628D.




This preview shows how white text looks on a background with the Hex color 83628D.

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





Tritanopia
7F6870

Trichromacy



Original Color
83628D

Protanomaly
6E6892

Deuteranomaly
72688C

Tritanomaly
80667B

Monochromacy



Original Color
83628D

Achromatopsia
717171

Achromatomaly
786C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 83628D 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 #83628D looks like.

```
.text, #text, p{  
    color:#83628D  
}
```

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 #83628D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83628D
}
```

Border

The CSS property to change the border of an element to Hex 83628D is called "border". The border property can be set on classes, ids or directly on the HTML element.

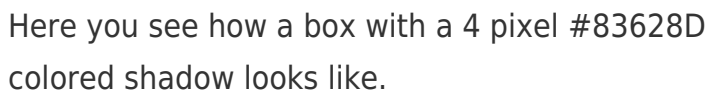
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83628D }
```

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

```
.border{ border-color:#83628D }
```

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



Here you see how a box with a 4 pixel #83628D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83628D; -webkit-box-shadow:4px 4px  
4px 4px #83628D; box-shadow:4px 4px 4px  
4px #83628D }
```

Background

The CSS property to change the background color of an element to Hex 83628D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83628D }
```

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

```
.background{ background-color:#83628D }
```

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