

Converting Colors

Hex(83688C)

Have a look what the booklet for
Hex(83688C) contains.

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Color

Hex(83688C)

Conversions

Conversions Part 1

Format	Color
Hex	83688C
RGB	131, 104, 140
RGB Percent	51%, 41%, 55%
CMY	0.4863, 0.5922, 0.4510
CMYK	0.06, 0.26, 0.00, 0.45
HSL	285°, 15%, 48%
HSV	285°, 26%, 55%
XYZ	19.0440, 16.6194, 27.0151
YIQ	116.1770, 4.5360, 16.9200

Conversions

Conversions Part 2

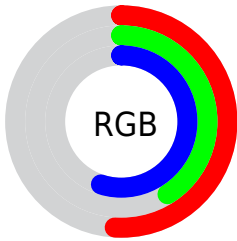
Format	Color
R_{YB}	131, 104, 140
Decimal	8611980
CIE _{Lab}	47.78, 17.68, -15.71
CIE _{LCh}	48, 23.653, 318.368
Yxy	16.6194, 0.3038, 0.2652
Android (android.graphics.Color)	4286802060 (0xFF83688C)
YUV	116.1770, 11.7447, 12.9998
Hunter-Lab	40.7669, 12.0433, -10.7530

Details

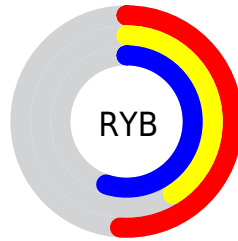
The Hex color **83688C** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **718C68**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **B89BC2**, and **51395A** is the 20% darker color. If you saturate the color by 10%, you get **7F5A8C**, and if you desaturate by 10%, it is **86768C**.

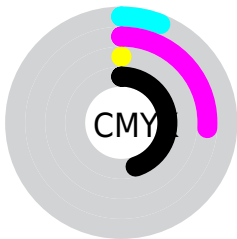
Distribution



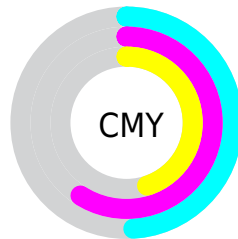
- Red (51%)
- Green (41%)
- Blue (55%)



- Red (51%)
- Yellow (41%)
- Blue (55%)



- Cyan (6%)
- Magenta (26%)
- Yellow (0%)
- Black (45%)



- Cyan (49%)
- Magenta (59%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83688C 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 83688C by changing the saturation by 10% instead.



83688C



83688C

FFFFFF



6A5072



B89BC2



51395A



D4B6DE



3A2342



F1D2FA



230E2C



FFEEFF



070018



000000



83688C



83688C



7F5A8C



86768C



7C4C8C



8A848C

783E8C

8E928C

75308C

91A08C

71228C

95AE8C

6E148C

98BC8C

6A068C

9CCA8C

69008C

9FD88C

A3E68C

Harmonies

Analogous

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



696F97



83688C



94637A

Triad

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



83688C



866D4B



317C7D

Complementary

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



83688C



718C68

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.



447C69



83688C



73744B

Square

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



83688C



946754



5C7956



327A8F

Rectangle

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



83688C



99626C



5C7956



367C76

Sweetspot

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



83688C



B1A7B5



68718C



5A535C



DBDBDB



5C5C5C

Same Dimension

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



83688C



A77DB5



8C6884



433E45



630085



040005

Inverse Universe

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



8C6871



B57D8B



688C70



453E40



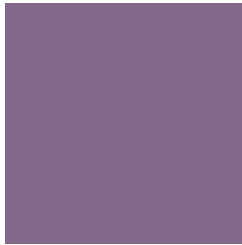
850021



050001

Previews

White Background



This preview shows how the Hex color 83688C looks on a white background.

Color Contrast Check

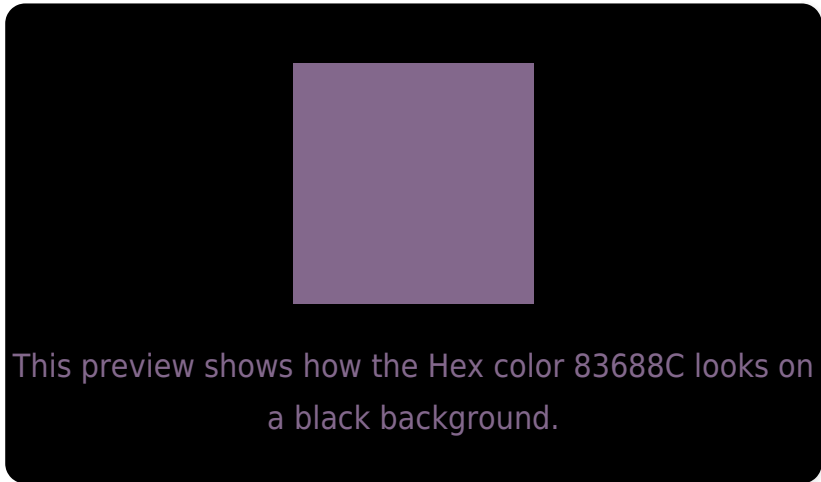
Large Text (above 18pt) WCAG AA ✓ Pass

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

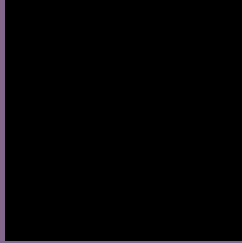
Any Text WCAG AA × Fail

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 83688C Background



This preview shows how black text looks on a background with the Hex color 83688C.



This preview shows how white text looks on a background with the Hex color 83688C.

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
806C75

Trichromacy



Original Color
83688C

Protanomaly
726D90

Deuteranomaly
776C8B

Tritanomaly
816B7D

Monochromacy



Original Color
83688C

Achromatopsia
747474

Achromatomaly
79707D

CSS Examples

Text

The CSS property to change the color of the text to Hex 83688C 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 #83688C looks like.

```
.text, #text, p{  
    color:#83688C  
}
```

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 #83688C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83688C
}
```

Border

The CSS property to change the border of an element to Hex 83688C is called "border". The border property can be set on classes, ids or directly on the HTML element.

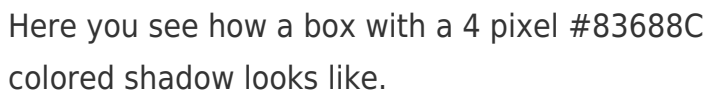
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83688C }
```

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

```
.border{ border-color:#83688C }
```

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



Here you see how a box with a 4 pixel #83688C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83688C; -webkit-box-shadow:4px 4px  
4px 4px #83688C; box-shadow:4px 4px 4px  
4px #83688C }
```

Background

The CSS property to change the background color of an element to Hex 83688C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83688C }
```

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

```
.background{ background-color:#83688C }
```

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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