

Converting Colors

Hex(87498B)

Have a look what the booklet for
Hex(87498B) contains.

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Color

Hex(87498B)

Conversions

Conversions Part 1

Format	Color
Hex	87498B
RGB	135, 73, 139
RGB Percent	53%, 29%, 55%
CMY	0.4706, 0.7137, 0.4549
CMYK	0.03, 0.47, 0.00, 0.45
HSL	296°, 31%, 42%
HSV	296°, 47%, 55%
XYZ	17.0344, 11.7801, 25.8021
YIQ	99.0620, 15.7660, 33.6700

Conversions

Conversions Part 2

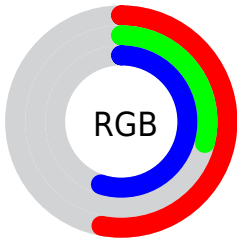
Format	Color
R_{YB}	135, 73, 139
Decimal	8866187
CIE _{Lab}	40.86, 36.80, -25.72
CIE _{LCh}	41, 44.897, 325.046
Yxy	11.7801, 0.3119, 0.2157
Android (android.graphics.Color)	4287056267 (0xFF87498B)
YUV	99.0620, 19.6894, 31.5176
Hunter-Lab	34.3221, 28.5278, -20.5465

Details

The Hex color **87498B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **4D8B49**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **BE7CC1**, and **531859** is the 20% darker color. If you saturate the color by 10%, you get **863B8B**, and if you desaturate by 10%, it is **88578B**.

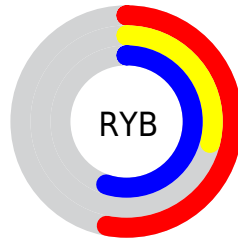
Distribution



Red (53%)

Green (29%)

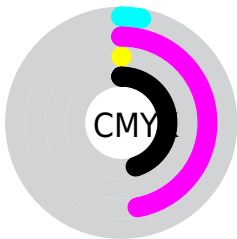
Blue (55%)



Red (53%)

Yellow (29%)

Blue (55%)

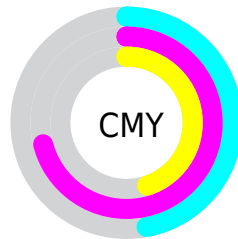


Cyan (3%)

Magenta (47%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87498B 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 87498B by changing the saturation by 10% instead.

87498B

87498B

FFFFFF

6D3171

BE7CC1

531859

DA96DD

3B0041

F7B1F9

26002B

FFCDDF

000115

FFEAFF

000000

87498B

87498B

863B8B

88578B

852D8B

89658B

 841F8B

 8A738B

 84118B

 8A818B

 83048B

 8B8F8B

 83008B

 8C9C8B

 8DAA8B

 8EB88B

 8FC68B

Harmonies

Analogous

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



5559A3



87498B



9F3E68

Triad

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



87498B



785C0E



00727E

Complementary

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



87498B



4D8B49

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.



007159



87498B



556716

Square

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



87498B



934E24



226E34



006E9C

Rectangle

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



87498B



A33E4F



226E34



007272

Sweetspot

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



87498B



B49CB5



494D8B



5B4C5C



DBDBDB



5C5C5C

Same Dimension

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



87498B



AF4EB5



8B496E



443E45



7D0085



050005

Inverse Universe

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



8B494D



B54E54



498B66



453E3E



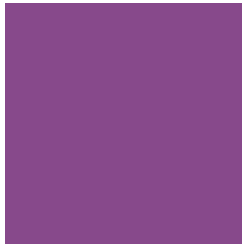
850008



050000

Previews

White Background



This preview shows how the Hex color 87498B looks on a white background.

Color Contrast Check

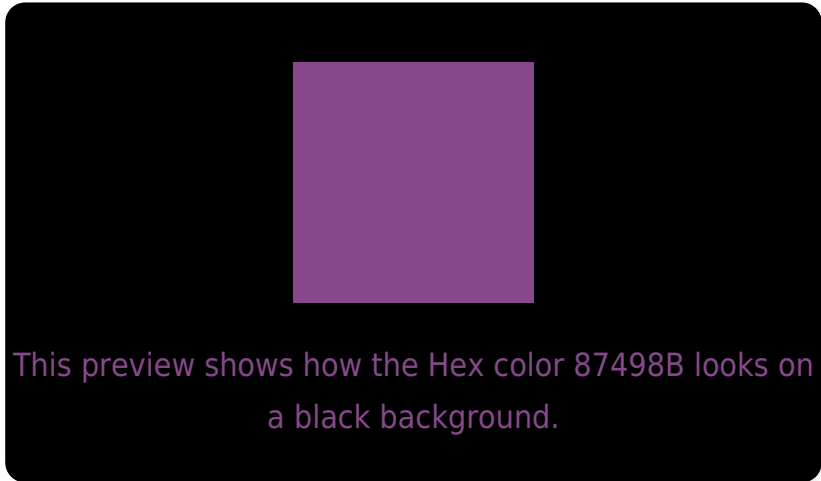
Large Text (above 18pt) WCAG AA ✓ Pass

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

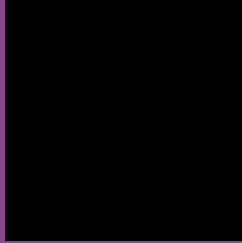
Any Text WCAG AA × Fail

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 87498B Background



This preview shows how black text looks on a background with the Hex color 87498B.



This preview shows how white text looks on a background with the Hex color 87498B.

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
81545B

Trichromacy



Original Color
87498B



Protanomaly
5F5796



Deuteranomaly
675888



Tritanomaly
83506C

Monochromacy



Original Color
87498B



Achromatopsia
636363



Achromatomaly
705A72

CSS Examples

Text

The CSS property to change the color of the text to Hex 87498B 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 #87498B looks like.

```
.text, #text, p{  
    color:#87498B  
}
```

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 #87498B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87498B
}
```

Border

The CSS property to change the border of an element to Hex 87498B is called "border". The border property can be set on classes, ids or directly on the HTML element.

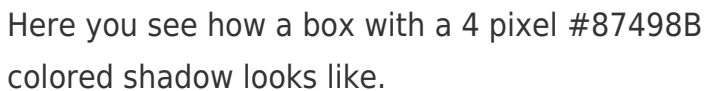
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87498B }
```

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

```
.border{ border-color:#87498B }
```

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



Here you see how a box with a 4 pixel #87498B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87498B; -webkit-box-shadow:4px 4px  
4px 4px #87498B; box-shadow:4px 4px 4px  
4px #87498B }
```

Background

The CSS property to change the background color of an element to Hex 87498B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87498B }
```

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

```
.background{ background-color:#87498B }
```

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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