

Converting Colors

Hex(87538B)

Have a look what the booklet for
Hex(87538B) contains.

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Color

Hex(87538B)

Conversions

Conversions Part 1

Format	Color
Hex	87538B
RGB	135, 83, 139
RGB Percent	53%, 33%, 55%
CMY	0.4706, 0.6745, 0.4549
CMYK	0.03, 0.40, 0.00, 0.45
HSL	296°, 25%, 44%
HSV	296°, 40%, 55%
XYZ	17.7451, 13.2015, 26.0390
YIQ	104.9320, 13.0160, 28.4400

Conversions

Conversions Part 2

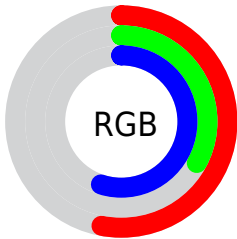
Format	Color
R_{YB}	135, 83, 139
Decimal	8868747
CIE _{Lab}	43.07, 31.18, -22.31
CIE _{LCh}	43, 38.336, 324.420
Yxy	13.2015, 0.3114, 0.2317
Android (android.graphics.Color)	4287058827 (0xFF87538B)
YUV	104.9320, 16.7955, 26.3696
Hunter-Lab	36.3339, 23.5936, -17.0570

Details

The Hex color **87538B** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **578B53**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BD86C1**, and **542359** is the 20% darker color. If you saturate the color by 10%, you get **86458B**, and if you desaturate by 10%, it is **88618B**.

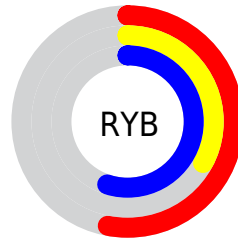
Distribution



Red (53%)

Green (33%)

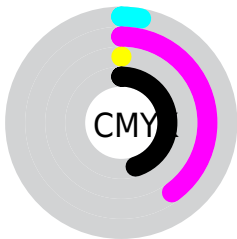
Blue (55%)



Red (53%)

Yellow (33%)

Blue (55%)

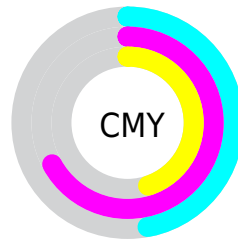


Cyan (3%)

Magenta (40%)

Yellow (0%)

Black (45%)



Cyan (47%)

Magenta (67%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87538B 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 87538B by changing the saturation by 10% instead.

87538B

87538B

FFFFFF

6D3B71

BD86C1

542359

D9A0DD

3B0B41

F6BCF9

26002B

FFD8FF

000015

FFF4FF

000000

87538B

87538B

86458B

88618B

85378B

896F8B

 84298B

 8A7D8B

 831B8B

 8B8B8B

 820E8B

 8C998B

 81008B

 8DA68B

 8EB48B

 8FC28B

 90D08B

Harmonies

Analogous

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



5E60A0



87538B



9D4B6D

Triad

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



87538B



7D6224



00757F

Complementary

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



87538B



578B53

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.



00755F



87538B



5E6C29

Square

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



87538B



945633



37723F



007299

Rectangle

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



87538B



A14A58



37723F



007674

Sweetspot

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



87538B



B39FB5



53588B



5B4F5C



DBDBDB



5C5C5C

Same Dimension

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



87538B



AF5EB5



8B5374



443E45



7B0085



050005

Inverse Universe

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



8B5357



B55E64



538B6A



453E3E



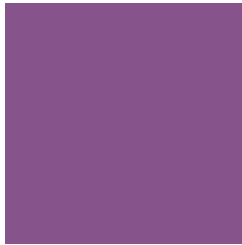
850009



050000

Previews

White Background



This preview shows how the Hex color 87538B looks on a white background.

Color Contrast Check

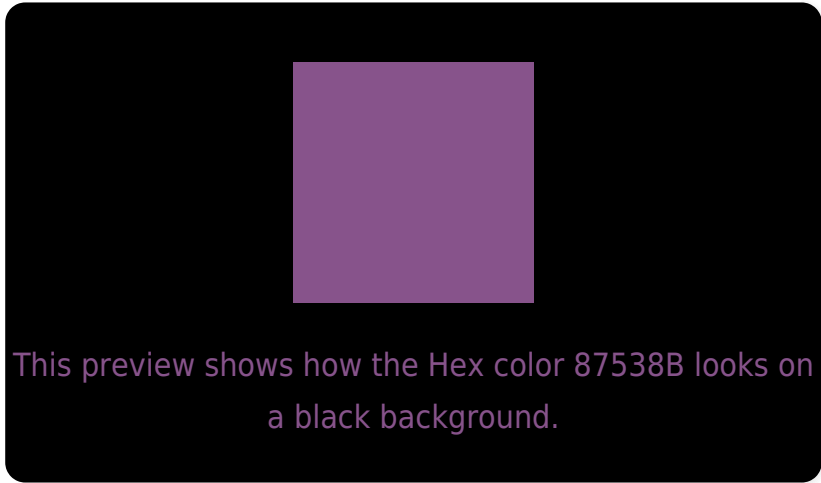
Large Text (above 18pt) WCAG AA ✓ Pass

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

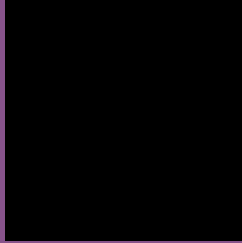
Any Text WCAG AA × Fail

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 87538B Background



This preview shows how black text looks on a background with the Hex color 87538B.

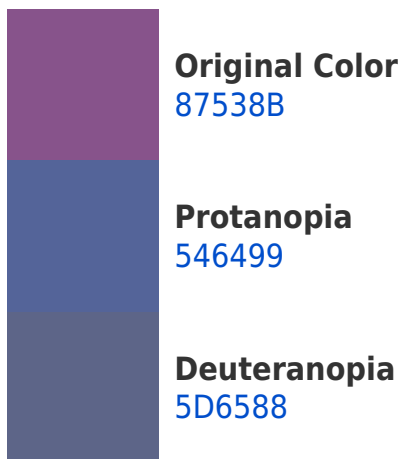


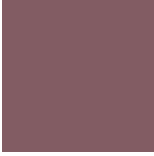
This preview shows how white text looks on a background with the Hex color 87538B.

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
825C63

Trichromacy



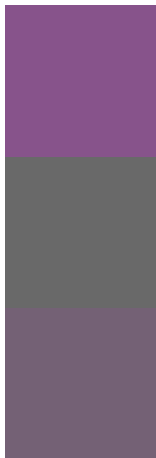
Original Color
87538B

Protanomaly
675E94

Deuteranomaly
6C5E89

Tritanomaly
845972

Monochromacy



Original Color
87538B

Achromatopsia
696969

Achromatomaly
746175

CSS Examples

Text

The CSS property to change the color of the text to Hex 87538B 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 #87538B looks like.

```
.text, #text, p{  
    color:#87538B  
}
```

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 #87538B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87538B
}
```

Border

The CSS property to change the border of an element to Hex 87538B is called "border". The border property can be set on classes, ids or directly on the HTML element.

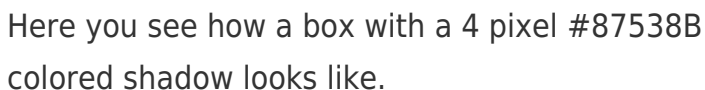
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#87538B }
```

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

```
.border{ border-color:#87538B }
```

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



Here you see how a box with a 4 pixel #87538B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87538B; -webkit-box-shadow:4px 4px  
4px 4px #87538B; box-shadow:4px 4px 4px  
4px #87538B }
```

Background

The CSS property to change the background color of an element to Hex 87538B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87538B }
```

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

```
.background{ background-color:#87538B }
```

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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