

Converting Colors

Hex(85438B)

Have a look what the booklet for
Hex(85438B) contains.

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Color

Hex(85438B)

Conversions

Conversions Part 1

Format	Color
Hex	85438B
RGB	133, 67, 139
RGB Percent	52%, 26%, 55%
CMY	0.4784, 0.7373, 0.4549
CMYK	0.04, 0.52, 0.00, 0.45
HSL	295°, 35%, 40%
HSV	295°, 52%, 55%
XYZ	16.3402, 10.8649, 25.6620
YIQ	94.9420, 16.2240, 36.3840

Conversions

Conversions Part 2

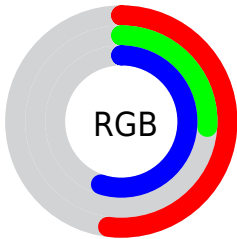
Format	Color
R_{YB}	133, 67, 139
Decimal	8733579
CIE _{Lab}	39.35, 39.43, -28.11
CIE _{LCh}	39, 48.425, 324.522
Yxy	10.8649, 0.3091, 0.2055
Android (android.graphics.Color)	4286923659 (0xFF85438B)
YUV	94.9420, 21.7206, 33.3769
Hunter-Lab	32.9620, 30.8041, -23.0858

Details

The Hex color **85438B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **498B43**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BC76C1**, and **511059** is the 20% darker color. If you saturate the color by 10%, you get **84358B**, and if you desaturate by 10%, it is **86518B**.

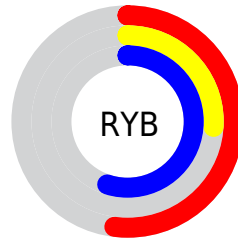
Distribution



Red (52%)

Green (26%)

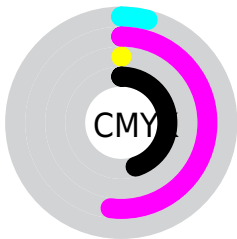
Blue (55%)



Red (52%)

Yellow (26%)

Blue (55%)

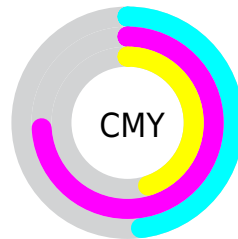


Cyan (4%)

Magenta (52%)

Yellow (0%)

Black (45%)



Cyan (48%)

Magenta (74%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85438B 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 85438B by changing the saturation by 10% instead.

 85438B

 85438B

FFFFFF

 6B2A71

 BC76C1

 511059


 D890DD

 380041

 F5ABFA

 24002B

 FFC7FF

 000114

 FFE4FF

 000000

 85438B

 85438B

 84358B

 86518B

 83278B

 875F8B

 82198B

 886D8B

 800B8B

 8A7B8B

 7F008B

 8B898B

 8C968B

 8DA48B

 8EB28B

 8FC08B

Harmonies

Analogous

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



4E55A5



85438B



9F3566

Triad

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



85438B



765800



006F7C

Complementary

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



85438B



498B43

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.



006E54



85438B



506406

Square

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



85438B



92481B



146B2C



006C9C

Rectangle

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



85438B



A3354B



146B2C



006F6F

Sweetspot

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



85438B



B398B5



43498B



5A4A5C



DBDBDB



5C5C5C

Same Dimension

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



85438B



AC45B5



8B436D



443E45



7A0085



050005

Inverse Universe

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



8B4349



B5454E



438B61



453E3F



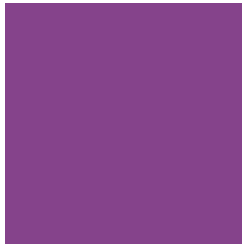
85000B



050000

Previews

White Background



This preview shows how the Hex color 85438B looks on a white background.

Color Contrast Check

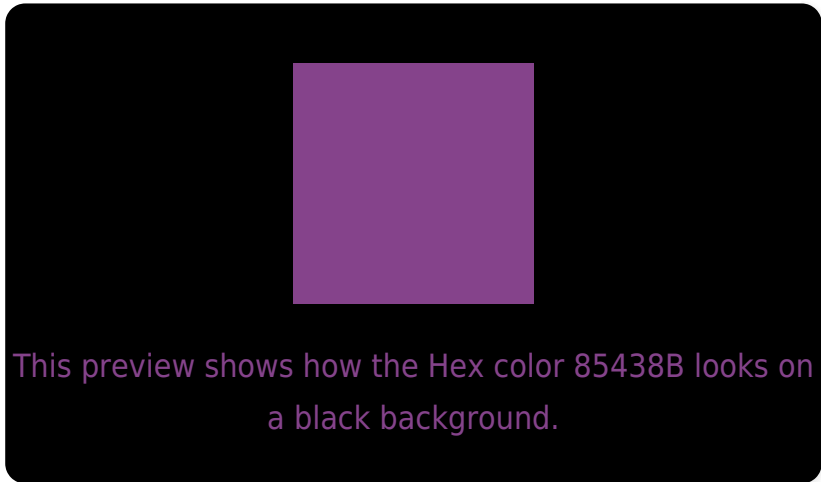
Large Text (above 18pt) WCAG AA ✓ Pass

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

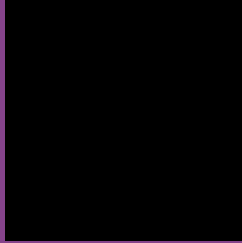
Any Text WCAG AA × Fail

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 85438B Background



This preview shows how black text looks on a background with the Hex color 85438B.

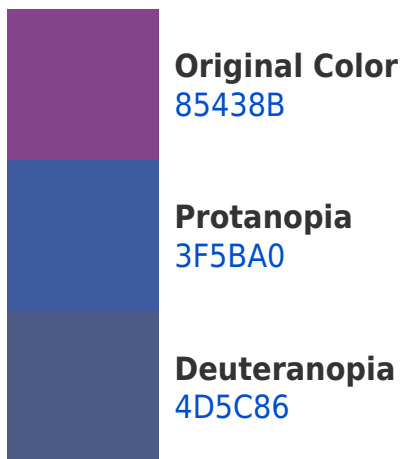


This preview shows how white text looks on a background with the Hex color 85438B.

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
7E5056

Trichromacy



Original Color
85438B

Protanomaly
585298

Deuteranomaly
615388

Tritanomaly
814B69

Monochromacy



Original Color
85438B

Achromatopsia
5F5F5F

Achromatomaly
6D556F

CSS Examples

Text

The CSS property to change the color of the text to Hex 85438B 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 #85438B looks like.

```
.text, #text, p{  
    color:#85438B  
}
```

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 #85438B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85438B
}
```

Border

The CSS property to change the border of an element to Hex 85438B is called "border". The border property can be set on classes, ids or directly on the HTML element.

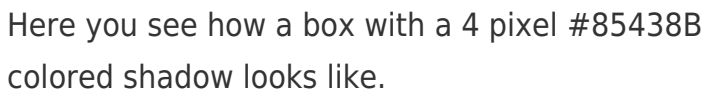
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85438B }
```

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

```
.border{ border-color:#85438B }
```

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



Here you see how a box with a 4 pixel #85438B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85438B; -webkit-box-shadow:4px 4px  
4px 4px #85438B; box-shadow:4px 4px 4px  
4px #85438B }
```

Background

The CSS property to change the background color of an element to Hex 85438B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85438B }
```

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

```
.background{ background-color:#85438B }
```

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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