

Converting Colors

Hex(85427D)

Have a look what the booklet for
Hex(85427D) contains.

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Color

Hex(85427D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 85427D |
| RGB | 133, 66, 125 |
| RGB Percent | 52%, 26%, 49% |
| CMY | 0.4784, 0.7412, 0.5098 |
| CMYK | 0.00, 0.50, 0.06, 0.48 |
| HSL | 307°, 34%, 39% |
| HSV | 307°, 50%, 52% |
| XYZ | 15.3228, 10.3636, 20.5948 |
| YIQ | 92.7590, 20.9930, 32.5530 |

Conversions

Conversions Part 2

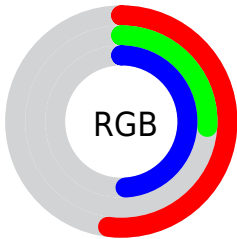
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 133, 66, 125 |
| Decimal | 8733309 |
| CIELab | 38.49, 37.27, -20.86 |
| CIElCh | 38, 42.708, 330.760 |
| Yxy | 10.3636, 0.3311, 0.2239 |
| Android (android.graphics.Color) | 4286923389 (0xFF85427D) |
| YUV | 92.7590, 15.8948, 35.2914 |
| Hunter-Lab | 32.1926, 28.6238, -15.3952 |

Details

The Hex color **85427D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **42854A**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BC75B2**, and **510F4C** is the 20% darker color. If you saturate the color by 10%, you get **85357B**, and if you desaturate by 10%, it is **854F7F**.

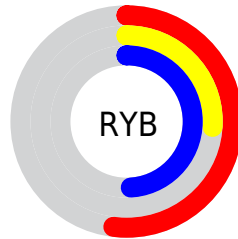
Distribution



Red (52%)

Green (26%)

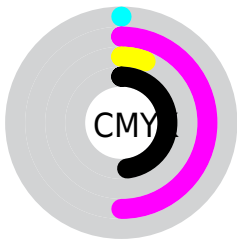
Blue (49%)



Red (52%)

Yellow (26%)

Blue (49%)

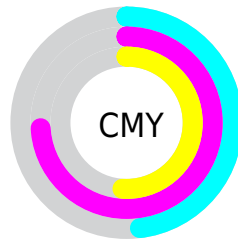


Cyan (0%)

Magenta (50%)

Yellow (6%)

Black (48%)



Cyan (48%)

Magenta (74%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85427D 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 85427D by changing the saturation by 10% instead.

85427D

85427D

FFFFFF

6B2964

BC75B2

510F4C

D88FCD

390035

F5AAEA

240020

FFC6FF

000002

FFE2FF

000000

85427D

85427D

85357B

854F7F

85277A

855D80

851A78

856A82

850D77

857783

850075

858585

859287

859F88

85AC8A

85BA8B

Harmonies

Analogous

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



5C5196



85427D



98395B

Triad

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



85427D



6B590C



006B7D

Complementary

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



85427D



42854A

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.



006B5A



85427D



496319

Square

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



85427D



874C1D



0E6837



006797

Rectangle

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



85427D



993B44



0E6837



006B72

Sweetspot

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



85427D



AD93AA



4A4285



574755



D6D6D6



575757

Same Dimension

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



85427D



AD45A1



85425C



423C42



820073



030002

Inverse Universe

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



85427D



AD45A1



42856B



423C42



820073



030002

Previews

White Background



This preview shows how the Hex color 85427D looks on a white background.

Color Contrast Check

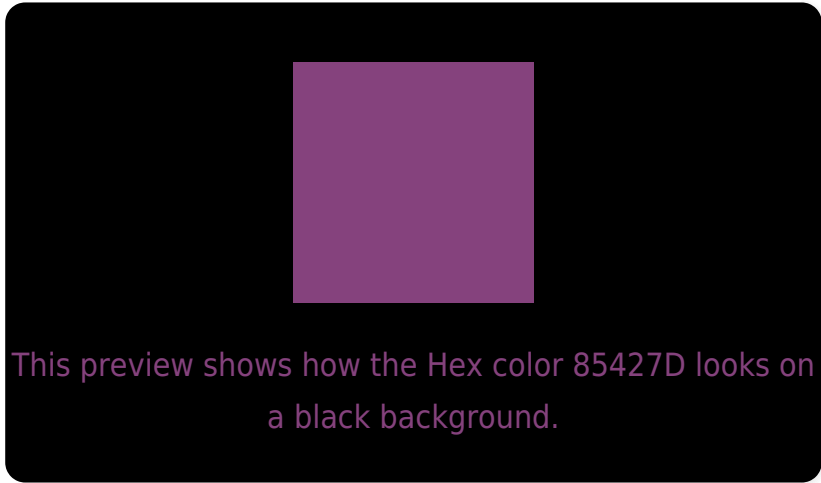
Large Text (above 18pt) WCAG AA ✓ Pass

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

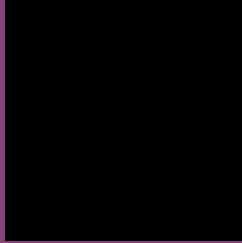
Any Text WCAG AA × Fail

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 85427D Background



This preview shows how black text looks on a background with the Hex color 85427D.



This preview shows how white text looks on a background with the Hex color 85427D.

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



Original Color
85427D

Protanopia
475990

Deuteranopia
545A79



Tritanopia
804C52

Trichromacy



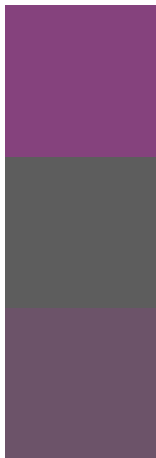
Original Color
85427D

Protanomaly
5E5189

Deuteranomaly
66517A

Tritanomaly
824862

Monochromacy



Original Color
85427D

Achromatopsia
5D5D5D

Achromatomaly
6C5369

CSS Examples

Text

The CSS property to change the color of the text to Hex 85427D 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 #85427D looks like.

```
.text, #text, p{  
    color:#85427D  
}
```

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 #85427D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85427D
}
```

Border

The CSS property to change the border of an element to Hex 85427D is called "border". The border property can be set on classes, ids or directly on the HTML element.

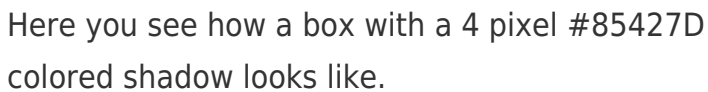
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85427D }
```

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

```
.border{ border-color:#85427D }
```

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



Here you see how a box with a 4 pixel #85427D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85427D; -webkit-box-shadow:4px 4px  
4px 4px #85427D; box-shadow:4px 4px 4px  
4px #85427D }
```

Background

The CSS property to change the background color of an element to Hex 85427D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85427D }
```

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

```
.background{ background-color:#85427D }
```

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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