

# Converting Colors

Hex(85416D)

Have a look what the booklet for  
Hex(85416D) contains.

<b>Hex(85416D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(85416D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85416D
RGB	133, 65, 109
RGB Percent	52%, 25%, 43%
CMY	0.4784, 0.7451, 0.5725
CMYK	0.00, 0.51, 0.18, 0.48
HSL	321°, 34%, 39%
HSV	321°, 51%, 52%
XYZ	14.3235, 9.8713, 15.6184
YIQ	90.3480, 26.4040, 28.1000

# Conversions

## Conversions Part 2

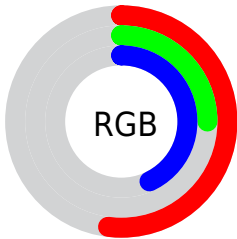
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 65, 109
Decimal	8733037
CIE <sub>Lab</sub>	37.61, 35.00, -12.26
CIE <sub>LCh</sub>	38, 37.083, 340.691
Yxy	9.8713, 0.3598, 0.2479
Android (android.graphics.Color)	4286923117 (0xFF85416D)
YUV	90.3480, 9.1954, 37.4058
Hunter-Lab	31.4186, 26.3943, -7.4805

# Details

The Hex color **85416D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **418559**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **BC73A1**, and **510F3D** is the 20% darker color. If you saturate the color by 10%, you get **853468**, and if you desaturate by 10%, it is **854E72**.

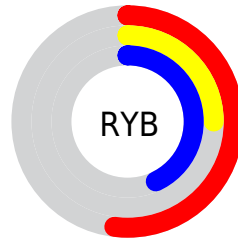
# Distribution



Red (52%)

Green (25%)

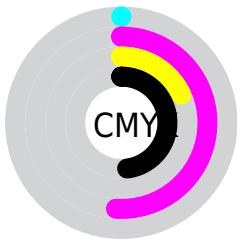
Blue (43%)



Red (52%)

Yellow (25%)

Blue (43%)

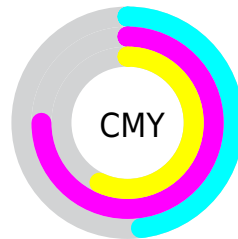


Cyan (0%)

Magenta (51%)

Yellow (18%)

Black (48%)



Cyan (48%)

Magenta (75%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85416D 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 85416D by changing the saturation by 10% instead.



85416D

85416D

FFFFFF

6B2955

BC73A1

510F3D

D88EBC

380027

F5A9D7

230013

FFC4F4

000000

FFE0FF

FFDFDF

85416D

85416D

853468

854E72

852664

855C76

85195F

85697B

850C5A

857680

850056

858484

859189

859E8E

85AB93

85B997

# Harmonies

## Analogous

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



684C86



85416D



903E4F

# Triad

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



85416D



5F5A19



00667F

# Complementary

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



85416D



418559

# 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.



006763



85416D



3E6229

# Square

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



85416D



79501E



006644



006191

# Rectangle

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



85416D



8E413C



006644



006776



# Sweetspot

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



85416D



AD93A4



594185



574751



D6D6D6



575757



# Same Dimension

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



85416D



AD4488



85414B



423C40



820054



030002



# Inverse Universe

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



85416D



AD4488



41857B



423C40



820054

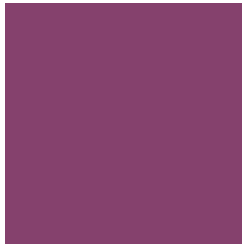


030002



# Previews

## White Background



This preview shows how the Hex color 85416D looks on a white background.

## Color Contrast Check

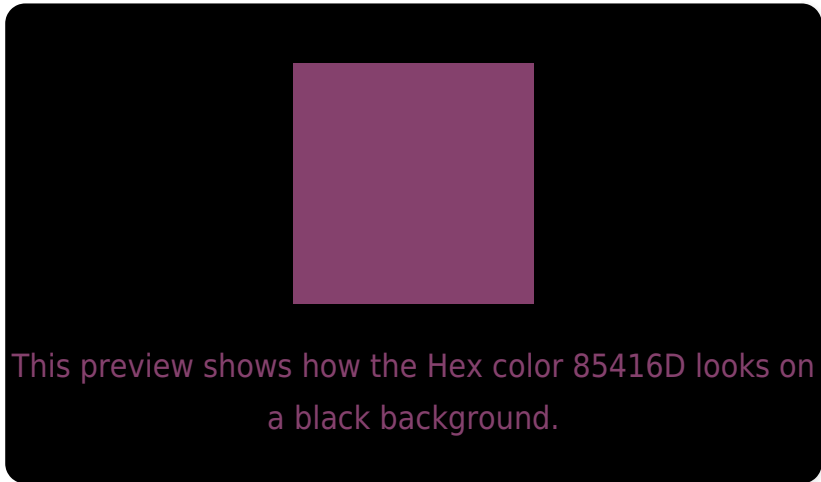
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 85416D Background



This preview shows how black text looks on a background with the Hex color 85416D.




This preview shows how white text looks on a background with the Hex color 85416D.

# 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**  
82484D

# Trichromacy



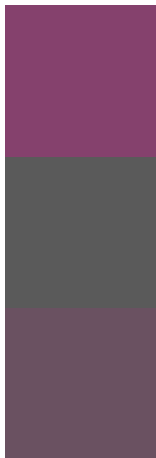
**Original Color**  
85416D

**Protanomaly**  
615078

**Deuteranomaly**  
6A4F6A

**Tritanomaly**  
834559

# Monochromacy



**Original Color**  
85416D

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
6A5161

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85416D 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 #85416D looks like.

```
.text, #text, p{  
    color:#85416D  
}
```

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 #85416D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85416D
}
```

## Border

The CSS property to change the border of an element to Hex 85416D is called "border". The border property can be set on classes, ids or directly on the HTML element.

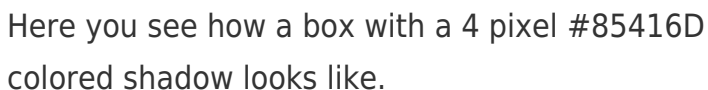
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85416D }
```

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

```
.border{ border-color:#85416D }
```

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



Here you see how a box with a 4 pixel #85416D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85416D; -webkit-box-shadow:4px 4px  
4px 4px #85416D; box-shadow:4px 4px 4px  
4px #85416D }
```

# Background

The CSS property to change the background color of an element to Hex 85416D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85416D }
```

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

```
.background{ background-color:#85416D }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor