

# Converting Colors

Hex(85496B)

Have a look what the booklet for  
Hex(85496B) contains.

<b>Hex(85496B)</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(85496B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	85496B
RGB	133, 73, 107
RGB Percent	52%, 29%, 42%
CMY	0.4784, 0.7137, 0.5804
CMYK	0.00, 0.45, 0.20, 0.48
HSL	326°, 29%, 40%
HSV	326°, 45%, 52%
XYZ	14.7093, 10.8132, 15.2218
YIQ	94.8160, 24.8460, 23.2940

# Conversions

## Conversions Part 2

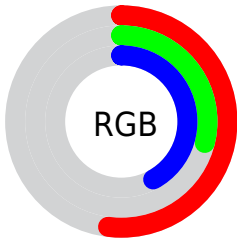
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 73, 107
Decimal	8735083
CIE Lab	39.26, 30.24, -8.52
CIE LCh	39, 31.414, 344.268
Yxy	10.8132, 0.3610, 0.2654
Android (android.graphics.Color)	4286925163 (0xFF85496B)
YUV	94.8160, 6.0067, 33.4874
Hunter-Lab	32.8834, 22.2999, -4.4271

# Details

The Hex color **85496B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **498563**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BB7B9E**, and **52193C** is the 20% darker color. If you saturate the color by 10%, you get **853C65**, and if you desaturate by 10%, it is **855671**.

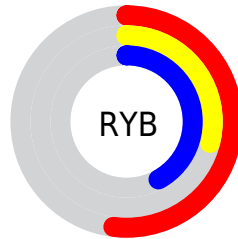
# Distribution



Red (52%)

Green (29%)

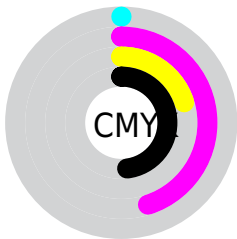
Blue (42%)



Red (52%)

Yellow (29%)

Blue (42%)

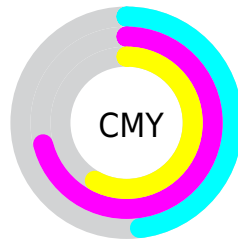


Cyan (0%)

Magenta (45%)

Yellow (20%)

Black (48%)



Cyan (48%)

Magenta (71%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 85496B 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 85496B by changing the saturation by 10% instead.



 85496B

 85496B

FFFFFF

 6B3153

 BB7B9E

 52193C

 D895B9

 390126

 F5B0D5

 250011

 FFCCF1

 000000

 FFE9FF

 85496B

 85496B

 853C65

 855671

 852E5F

 856477

 85215A

 85717C

 851454

 857E82

 85064E

 858C88

 85004B

 85998E

 85A693

 85B399

 85C19F

# Harmonies

## Analogous

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



6E5181



85496B



8D4751

# Triad

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



85496B



605F29



00687F

# Complementary

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



85496B



498563

# 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.



006A68



85496B



436537

# Square

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



85496B



77562B



1B694E



00638D

# Rectangle

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



85496B



8B4B41



1B694E



006978



# Sweetspot

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



85496B



AD95A3



634985



574850



D6D6D6



575757



# Same Dimension

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



85496B



AD5085



85494D



423C3F



82004A



030001



# Inverse Universe

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



85496B



AD5085



498581



423C3F



82004A

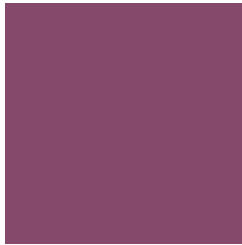


030001



# Previews

## White Background



This preview shows how the Hex color 85496B looks on a white background.

## Color Contrast Check

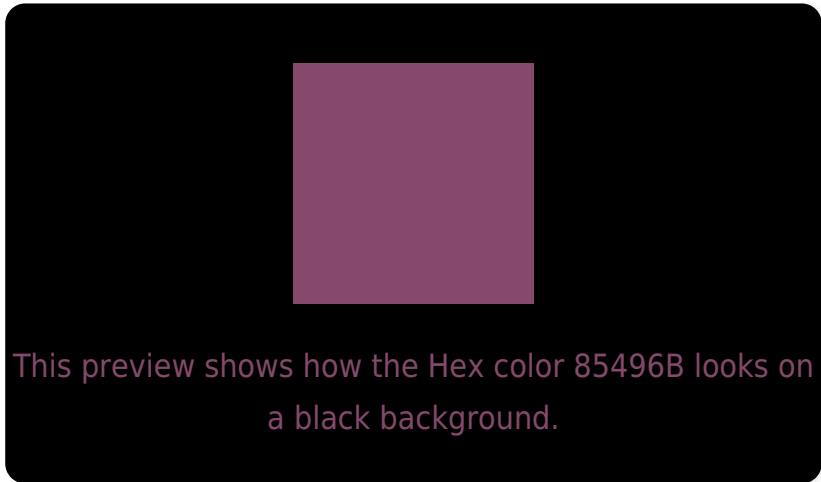
Large Text (above 18pt) WCAG AA ✓ Pass

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

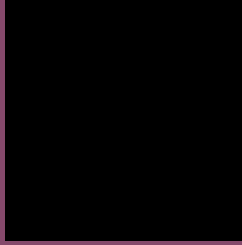
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 85496B Background



This preview shows how black text looks on a background with the Hex color 85496B.




This preview shows how white text looks on a background with the Hex color 85496B.

# 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**  
834E53

# Trichromacy



**Original Color**  
85496B

**Protanomaly**  
675573

**Deuteranomaly**  
6E5469

**Tritanomaly**  
844C5C

# Monochromacy



**Original Color**  
85496B

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
6D5763

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 85496B 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 #85496B looks like.

```
.text, #text, p{  
    color:#85496B  
}
```

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 #85496B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85496B
}
```

## Border

The CSS property to change the border of an element to Hex 85496B is called "border". The border property can be set on classes, ids or directly on the HTML element.

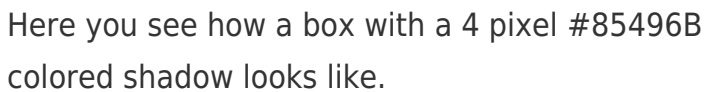
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#85496B }
```

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

```
.border{ border-color:#85496B }
```

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



Here you see how a box with a 4 pixel #85496B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85496B; -webkit-box-shadow:4px 4px  
4px 4px #85496B; box-shadow:4px 4px 4px  
4px #85496B }
```

# Background

The CSS property to change the background color of an element to Hex 85496B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85496B }
```

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

```
.background{ background-color:#85496B }
```

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