

# Converting Colors

Hex(84385D)

Have a look what the booklet for  
Hex(84385D) contains.

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# Color

**Hex(84385D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84385D
RGB	132, 56, 93
RGB Percent	52%, 22%, 36%
CMY	0.4824, 0.7804, 0.6353
CMYK	0.00, 0.58, 0.30, 0.48
HSL	331°, 40%, 37%
HSV	331°, 58%, 52%
XYZ	12.9057, 8.5242, 11.3211
YIQ	82.9420, 33.4190, 27.6190

# Conversions

## Conversions Part 2

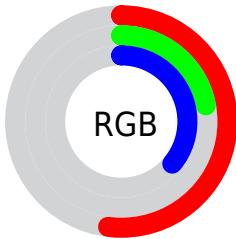
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	132, 56, 93
Decimal	8665181
CIE <sub>Lab</sub>	35.05, 36.94, -6.03
CIE <sub>LCh</sub>	35, 37.429, 350.736
Yxy	8.5242, 0.3941, 0.2603
Android (android.graphics.Color)	4286855261 (0xFF84385D)
YUV	82.9420, 4.9586, 43.0239
Hunter-Lab	29.1962, 27.8094, -2.5528

# Details

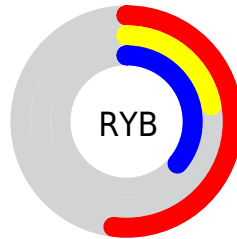
The Hex color **84385D** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **38845F**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **BB6A8F**, and **4F022F** is the 20% darker color. If you saturate the color by 10%, you get **842B56**, and if you desaturate by 10%, it is **844564**.

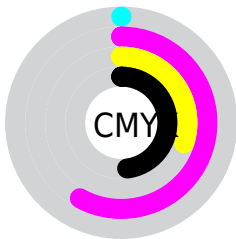
# Distribution



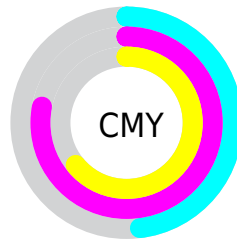
- Red (52%)
- Green (22%)
- Blue (36%)



- Red (52%)
- Yellow (22%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (30%)
- Black (48%)



- Cyan (48%)
- Magenta (78%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84385D 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 84385D by changing the saturation by 10% instead.



84385D

84385D

FFFFFF

691F45

BB6A8F

4F022F

D885AA

37001B

F59FC5

1D0001

FFBBE1

000000

FFD7FE

FFF4FF

84385D

84385D

842B56

844564

841E4F

84526B

841049

846071

840342

846D78

840040

847A7F

848786

84948C

84A293

84AF9A

# Harmonies

## Analogous

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



6E4279



84385D



89383F

# Triad

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



84385D



4E5716



005E80

# Complementary

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



84385D



38845F

# 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.



006167



84385D



2A5D2B

# Square

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



84385D



6A4E13



006048



00588D

# Rectangle

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



84385D



843E2D



006048



006079



# Sweetspot

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



84385D



AB8E9C



5E3884



57454E



D6D6D6



575757



# Same Dimension

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



84385D



AB356E



843838



423C3F



82003F



030001



# Inverse Universe

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



84385D



AB356E



388484



423C3F



82003F

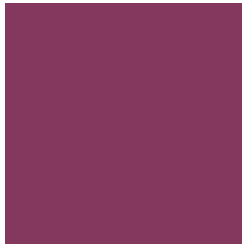


030001



# Previews

## White Background



This preview shows how the Hex color 84385D looks on a white background.

## Color Contrast Check

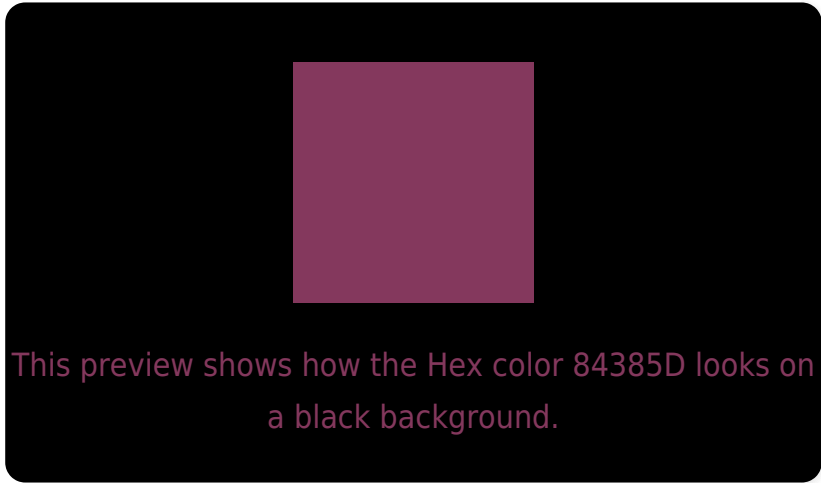
Large Text (above 18pt) WCAG AA ✓ Pass

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

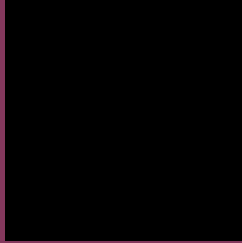
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 84385D Background



This preview shows how black text looks on a background with the Hex color 84385D.

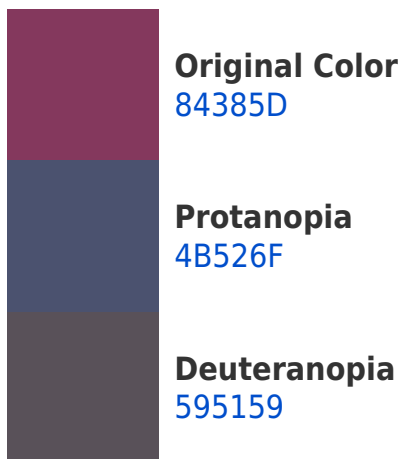



This preview shows how white text looks on a background with the Hex color 84385D.

# 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](#).

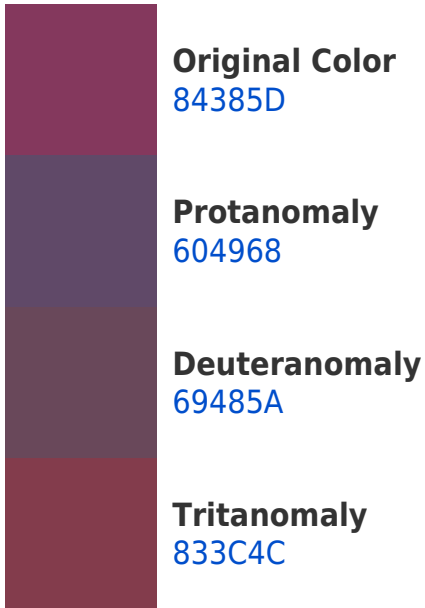
## Dichromacy





**Tritanopia**  
823E42

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84385D 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 #84385D looks like.

```
.text, #text, p{  
    color:#84385D  
}
```

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 #84385D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84385D
}
```

## Border

The CSS property to change the border of an element to Hex 84385D is called "border". The border property can be set on classes, ids or directly on the HTML element.

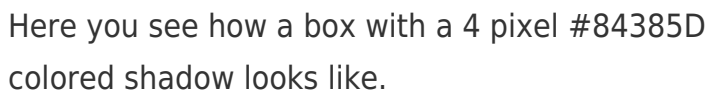
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#84385D }
```

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

```
.border{ border-color:#84385D }
```

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



Here you see how a box with a 4 pixel #84385D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84385D; -webkit-box-shadow:4px 4px  
4px 4px #84385D; box-shadow:4px 4px 4px  
4px #84385D }
```

# Background

The CSS property to change the background color of an element to Hex 84385D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84385D }
```

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

```
.background{ background-color:#84385D }
```

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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