

# Converting Colors

Hex(835576)

Have a look what the booklet for  
Hex(835576) contains.

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# Color

**Hex(835576)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	835576
RGB	131, 85, 118
RGB Percent	51%, 33%, 46%
CMY	0.4863, 0.6667, 0.5373
CMYK	0.00, 0.35, 0.10, 0.49
HSL	317°, 21%, 42%
HSV	317°, 35%, 51%
XYZ	15.8786, 12.6303, 18.7405
YIQ	102.5160, 16.8230, 20.0150

# Conversions

## Conversions Part 2

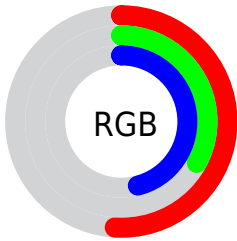
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 85, 118
Decimal	8607094
CIE <sub>Lab</sub>	42.20, 24.51, -10.90
CIE <sub>LCh</sub>	42, 26.828, 336.016
Yxy	12.6303, 0.3361, 0.2673
Android (android.graphics.Color)	4286797174 (0xFF835576)
YUV	102.5160, 7.6336, 24.9805
Hunter-Lab	35.5391, 17.5588, -6.3875

# Details

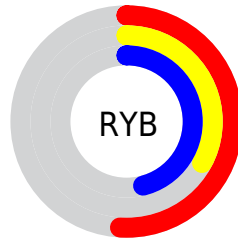
The Hex color **835576** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **558362**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B987AA**, and **502646** is the 20% darker color. If you saturate the color by 10%, you get **834872**, and if you desaturate by 10%, it is **83627A**.

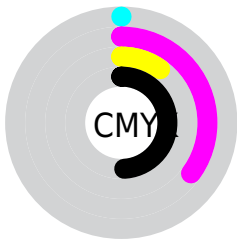
# Distribution



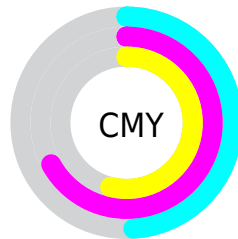
- Red (51%)
- Green (33%)
- Blue (46%)



- Red (51%)
- Yellow (33%)
- Blue (46%)



- Cyan (0%)
- Magenta (35%)
- Yellow (10%)
- Black (49%)



- Cyan (49%)
- Magenta (67%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 835576 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 835576 by changing the saturation by 10% instead.



 835576

 835576

FFFFFF

 693D5D

 B987AA

 502646

 D5A2C5

 39102F

 F1BDE1

 24001B

 FFD9FE

 000000

 FFF6FF

 835576

 835576

 834872

 83627A

 833B6F

 836F7D

832E6B

837C81

832167

838985

831363

839789

830660

83A48C

83005E

83B190

83BE94

83CB97

# Harmonies

## Analogous

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



6C5C87



835576



8E5260

# Triad

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



835576



6E6437



006E7D

# Complementary

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



835576



558362

# 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.



186F67



835576



566A3F

# Square

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



835576



815C3C



3B6E51



206B8B

# Rectangle

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



835576



8E5451



3B6E51



006F76



# Sweetspot

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



835576



AB98A6



615583



574B54



D6D6D6



575757



# Same Dimension

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



835576



AB6397



835560



423C40



82005D



030002



# Inverse Universe

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



835576



AB6397



558378



423C40



82005D

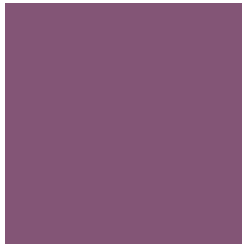


030002



# Previews

## White Background



This preview shows how the Hex color 835576 looks on a white background.

## Color Contrast Check

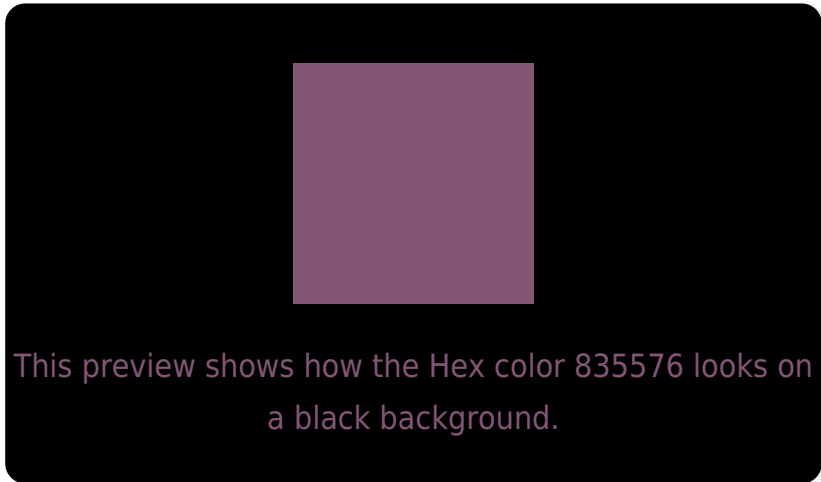
Large Text (above 18pt) WCAG AA ✓ Pass

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

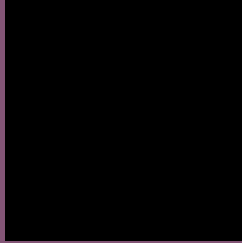
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 835576 Background



This preview shows how black text looks on a background with the Hex color 835576.



This preview shows how white text looks on a background with the Hex color 835576.

# 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**  
805960

# Trichromacy



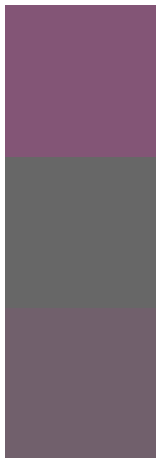
**Original Color**  
835576

**Protanomaly**  
6B5E7C

**Deuteranomaly**  
715D75

**Tritanomaly**  
815868

# Monochromacy



**Original Color**  
835576

**Achromatopsia**  
676767

**Achromatomaly**  
71606C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 835576 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 #835576 looks like.

```
.text, #text, p{  
    color:#835576  
}
```

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 #835576 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #835576
}
```

## Border

The CSS property to change the border of an element to Hex 835576 is called "border". The border property can be set on classes, ids or directly on the HTML element.

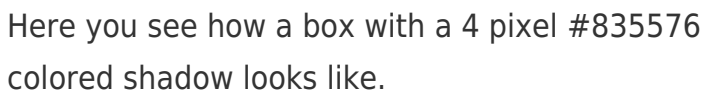
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#835576 }
```

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

```
.border{ border-color:#835576 }
```

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



Here you see how a box with a 4 pixel #835576 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #835576; -webkit-box-shadow:4px 4px  
4px 4px #835576; box-shadow:4px 4px 4px  
4px #835576 }
```

# Background

The CSS property to change the background color of an element to Hex 835576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#835576 }
```

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

```
.background{ background-color:#835576 }
```

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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