

# Converting Colors

Hex(855D80)

Have a look what the booklet for  
Hex(855D80) contains.

<b>Hex(855D80)</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(855D80)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	855D80
RGB	133, 93, 128
RGB Percent	52%, 36%, 50%
CMY	0.4784, 0.6353, 0.4980
CMYK	0.00, 0.30, 0.04, 0.48
HSL	308°, 18%, 44%
HSV	308°, 30%, 52%
XYZ	17.4835, 14.3738, 22.2750
YIQ	108.9500, 12.6050, 19.3650

# Conversions

## Conversions Part 2

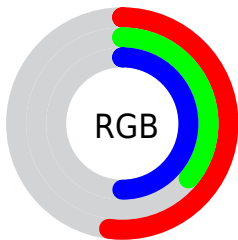
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 93, 128
Decimal	8740224
CIE <sub>Lab</sub>	44.76, 22.44, -13.08
CIE <sub>LCh</sub>	45, 25.977, 329.766
Yxy	14.3738, 0.3230, 0.2655
Android (android.graphics.Color)	4286930304 (0xFF855D80)
YUV	108.9500, 9.3917, 21.0919
Hunter-Lab	37.9127, 15.9682, -8.2959

# Details

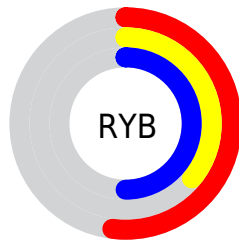
The Hex color **855D80** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5D8562**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **BB90B5**, and **532E4F** is the 20% darker color. If you saturate the color by 10%, you get **85507E**, and if you desaturate by 10%, it is **856A82**.

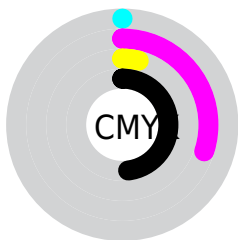
# Distribution



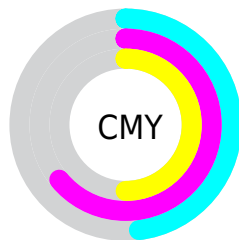
- Red (52%)
- Green (36%)
- Blue (50%)



- Red (52%)
- Yellow (36%)
- Blue (50%)



- Cyan (0%)
- Magenta (30%)
- Yellow (4%)
- Black (48%)



- Cyan (48%)
- Magenta (64%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 855D80 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 855D80 by changing the saturation by 10% instead.



855D80

855D80

FFFFFF

6B4567

BB90B5

532E4F

D7ABD0

3B1838

F3C6ED

250122

FFE2FF

00000A

000000

855D80

855D80

85507E

856A82

85427D

857883

 85357B

 858585

 852879

 859287

 851A78

 85A088

 850D76

 85AD8A

 850074

 85BA8C

 85C78D

 85D58F

# Harmonies

## Analogous

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



6C648F



855D80



92596B

# Triad

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



855D80



78693E



13757F

# Complementary

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



855D80



5D8562

# 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.



2C7569



855D80



626F44

# Square

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



855D80



8A6145



487353



26728F

# Rectangle

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



855D80



945A5C



487353



197578



# Sweetspot

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



855D80



AD9EAB



625D85



574D56



D6D6D6



575757



# Same Dimension

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



855D80



AD6FA6



855D6C



423C41



820072



030002



# Inverse Universe

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



855D80



AD6FA6



5D8576



423C41



820072

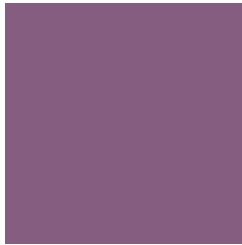


030002



# Previews

## White Background



This preview shows how the Hex color 855D80 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

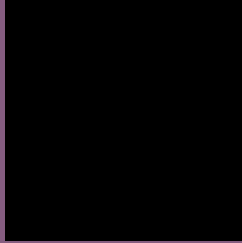
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 855D80 Background



This preview shows how black text looks on a background with the Hex color 855D80.



This preview shows how white text looks on a background with the Hex color 855D80.

# 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**  
855D80

**Protanopia**  
626988

**Deuteranopia**  
6B687E



**Tritanopia**  
826169

# Trichromacy



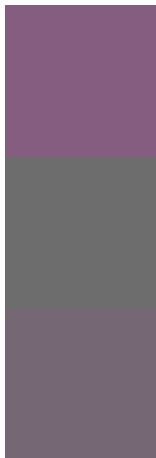
**Original Color**  
855D80

**Protanomaly**  
6F6585

**Deuteranomaly**  
74647F

**Tritanomaly**  
836071

# Monochromacy



**Original Color**  
855D80

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
766774

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 855D80 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 #855D80 looks like.

```
.text, #text, p{  
    color:#855D80  
}
```

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 #855D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #855D80
}
```

## Border

The CSS property to change the border of an element to Hex 855D80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

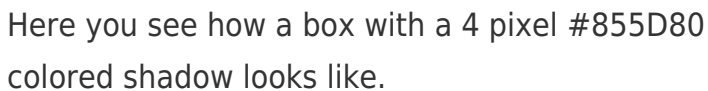
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#855D80 }
```

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

```
.border{ border-color:#855D80 }
```

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



Here you see how a box with a 4 pixel #855D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #855D80; -webkit-box-shadow:4px 4px  
4px 4px #855D80; box-shadow:4px 4px 4px  
4px #855D80 }
```

# Background

The CSS property to change the background color of an element to Hex 855D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#855D80 }
```

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

```
.background{ background-color:#855D80 }
```

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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