

# Converting Colors

Hex(865686)

Have a look what the booklet for  
Hex(865686) contains.

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# Color

**Hex(865686)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	865686
RGB	134, 86, 134
RGB Percent	53%, 34%, 53%
CMY	0.4745, 0.6627, 0.4745
CMYK	0.00, 0.36, 0.00, 0.47
HSL	300°, 22%, 43%
HSV	300°, 36%, 53%
XYZ	17.4624, 13.4451, 24.2291
YIQ	105.8240, 13.2000, 25.1040

# Conversions

## Conversions Part 2

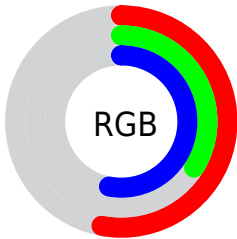
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 86, 134
Decimal	8803974
CIE <sub>Lab</sub>	43.43, 28.10, -18.74
CIE <sub>LCh</sub>	43, 33.770, 326.301
Yxy	13.4451, 0.3167, 0.2439
Android (android.graphics.Color)	4286994054 (0xFF865686)
YUV	105.8240, 13.8908, 24.7104
Hunter-Lab	36.6676, 20.8395, -13.5100

# Details

The Hex color **865686** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **568656**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **BC89BB**, and **532754** is the 20% darker color. If you saturate the color by 10%, you get **864986**, and if you desaturate by 10%, it is **866386**.

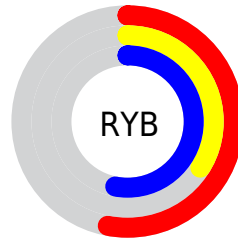
# Distribution



Red (53%)

Green (34%)

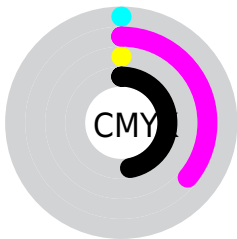
Blue (53%)



Red (53%)

Yellow (34%)

Blue (53%)

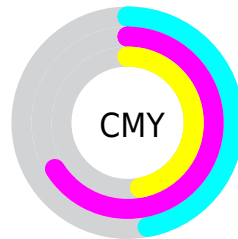


Cyan (0%)

Magenta (36%)

Yellow (0%)

Black (47%)



Cyan (47%)

Magenta (66%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 865686 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 865686 by changing the saturation by 10% instead.



 865686

 865686

FFFFFF

 6C3E6D

 BC89BB

 532754

 D8A3D7

 3B103D

 F5BFF4

 260027

 FFDBFF

 000111

 FFF7FF

 000000

 865686

 865686

 864986

 866386

 863B86

 867186

 862E86

 867E86

 862086

 868C86

 861386

 869986

 860686

 86A686

 860086

 86B486

 86C186

 86CF86

# Harmonies

## Analogous

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



636199



865686



98506B

# Triad

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



865686



7A642D



00757E

# Complementary

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



865686



568656

# 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.



007562



865686



5F6C33

# Square

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



865686



905A39



3C7246



007195

# Rectangle

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



865686



9C5058



3C7246



007575



# Sweetspot

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



865686



AD9AAD



565686



574B57



D6D6D6



575757



# Same Dimension

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



865686



AD63AD



86566E



423C42



820082



030003



# Inverse Universe

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



865686



AD63AD



56866E



423C42



820082

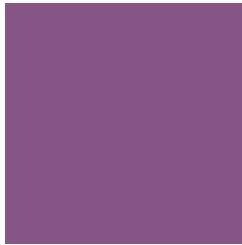


030003



# Previews

## White Background



This preview shows how the Hex color 865686 looks on a white background.

## Color Contrast Check

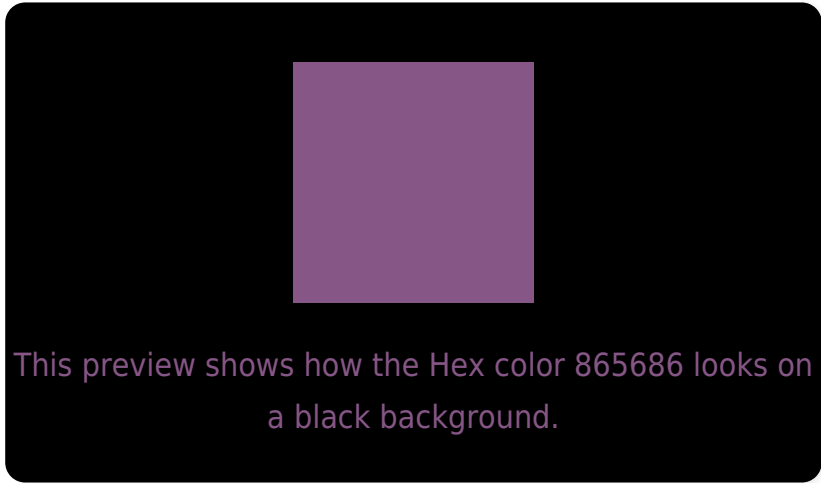
Large Text (above 18pt) WCAG AA ✓ Pass

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

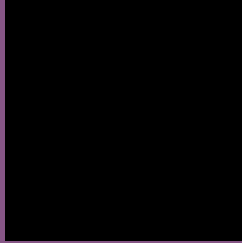
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 865686 Background



This preview shows how black text looks on a background with the Hex color 865686.



This preview shows how white text looks on a background with the Hex color 865686.

# 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**  
865686

**Protanopia**  
596592

**Deuteranopia**  
626583



**Tritanopia**  
825D64

# Trichromacy



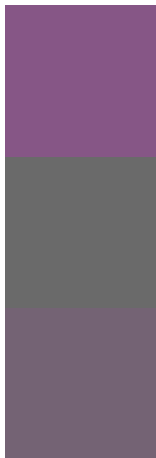
**Original Color**  
865686

**Protanomaly**  
69608E

**Deuteranomaly**  
6F6084

**Tritanomaly**  
835A70

# Monochromacy



**Original Color**  
865686

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
746374

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 865686 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 #865686 looks like.

```
.text, #text, p{  
    color:#865686  
}
```

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 #865686 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #865686
}
```

## Border

The CSS property to change the border of an element to Hex 865686 is called "border". The border property can be set on classes, ids or directly on the HTML element.

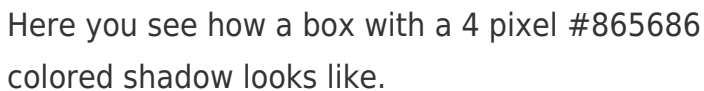
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#865686 }
```

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

```
.border{ border-color:#865686 }
```

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



Here you see how a box with a 4 pixel #865686 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #865686; -webkit-box-shadow:4px 4px  
4px 4px #865686; box-shadow:4px 4px 4px  
4px #865686 }
```

# Background

The CSS property to change the background color of an element to Hex 865686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#865686 }
```

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

```
.background{ background-color:#865686 }
```

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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