

# Converting Colors

Hex(863074)

Have a look what the booklet for  
Hex(863074) contains.

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# Color

**Hex(863074)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	863074
RGB	134, 48, 116
RGB Percent	53%, 19%, 45%
CMY	0.4745, 0.8118, 0.5451
CMYK	0.00, 0.64, 0.13, 0.47
HSL	313°, 47%, 36%
HSV	313°, 64%, 53%
XYZ	14.0409, 8.4432, 17.4127
YIQ	81.4660, 29.4280, 39.3800

# Conversions

## Conversions Part 2

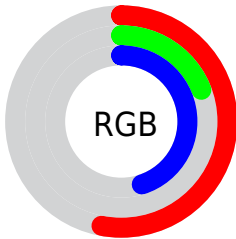
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 48, 116
Decimal	8794228
CIE <sub>Lab</sub>	34.89, 44.96, -20.82
CIE <sub>LCh</sub>	35, 49.550, 335.156
Yxy	8.4432, 0.3519, 0.2116
Android (android.graphics.Color)	4286984308 (0xFF863074)
YUV	81.4660, 17.0253, 46.0723
Hunter-Lab	29.0572, 35.4038, -15.1898

# Details

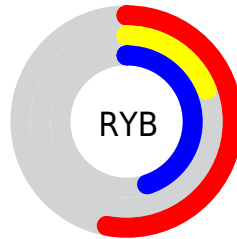
The Hex color **863074** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **308642**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **BD64A8**, and **510044** is the 20% darker color. If you saturate the color by 10%, you get **862371**, and if you desaturate by 10%, it is **863D77**.

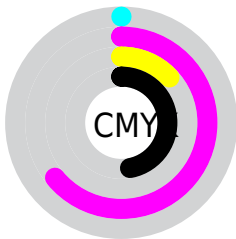
# Distribution



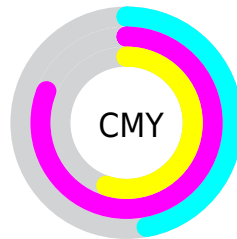
- Red (53%)
- Green (19%)
- Blue (45%)



- Red (53%)
- Yellow (19%)
- Blue (45%)



- Cyan (0%)
- Magenta (64%)
- Yellow (13%)
- Black (47%)



- Cyan (47%)
- Magenta (81%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 863074 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 863074 by changing the saturation by 10% instead.



 863074

 863074

FFFFFF

 6B135B

 BD64A8

 510044

 DA7EC4

 38002D

 F799E0

 1F0018

 FFB5FC

 000000

 FFD1FF

 FFEEFF

 863074

 863074

 862371

 863D77

86156E

864B7A

86086C

86587C

86006A

86667F

867382

868085

868E88

869B8A

86A98D

# Harmonies

## Analogous

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



5A4493



863074



97254D

# Triad

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



863074



5E5300



00637F

# Complementary

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



863074



308642

# 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.



006458



863074



345C03

# Square

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



863074



7D4300



00622F



005F9A

# Rectangle

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



863074



962B33



00622F



006473



# Sweetspot

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



863074



AD8CA7



413086



574353



D6D6D6



575757



# Same Dimension

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



863074



AD2891



86304A



423C41



820067



030002



# Inverse Universe

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



863074



AD2891



30866C



423C41



820067



030002



# Previews

## White Background



This preview shows how the Hex color 863074 looks on a white background.

## Color Contrast Check

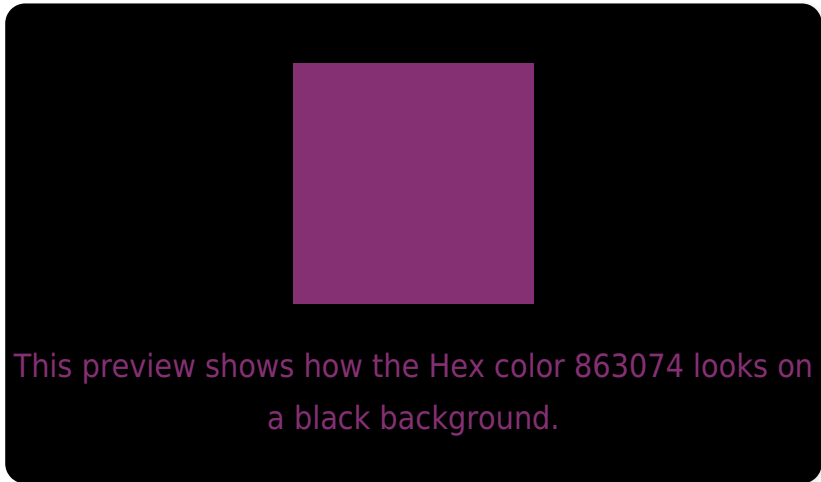
Large Text (above 18pt) WCAG AA ✓ Pass

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 863074 Background



This preview shows how black text looks on a background with the Hex color 863074.

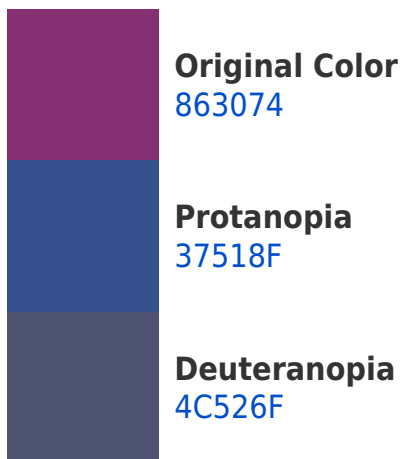


This preview shows how white text looks on a background with the Hex color 863074.

# 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**  
813E42

# Trichromacy



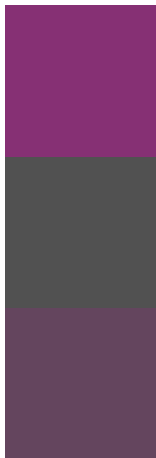
**Original Color**  
863074

**Protanomaly**  
544585

**Deuteranomaly**  
614671

**Tritanomaly**  
833954

# Monochromacy



**Original Color**  
863074

**Achromatopsia**  
515151

**Achromatomaly**  
64455E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 863074 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 #863074 looks like.

```
.text, #text, p{  
    color:#863074  
}
```

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 #863074 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #863074
}
```

## Border

The CSS property to change the border of an element to Hex 863074 is called "border". The border property can be set on classes, ids or directly on the HTML element.

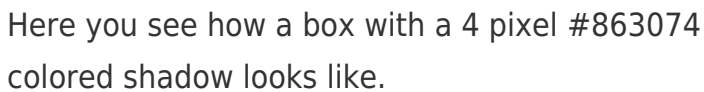
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#863074 }
```

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

```
.border{ border-color:#863074 }
```

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



Here you see how a box with a 4 pixel #863074 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #863074; -webkit-box-shadow:4px 4px  
4px 4px #863074; box-shadow:4px 4px 4px  
4px #863074 }
```

# Background

The CSS property to change the background color of an element to Hex 863074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#863074 }
```

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

```
.background{ background-color:#863074 }
```

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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