

# Converting Colors

Hex(874266)

Have a look what the booklet for  
Hex(874266) contains.

<b>Hex(874266)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(874266)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	874266
RGB	135, 66, 102
RGB Percent	53%, 26%, 40%
CMY	0.4706, 0.7412, 0.6000
CMYK	0.00, 0.51, 0.24, 0.47
HSL	329°, 34%, 39%
HSV	329°, 51%, 53%
XYZ	14.3382, 10.0066, 13.7461
YIQ	90.7350, 29.5680, 25.8240

# Conversions

## Conversions Part 2

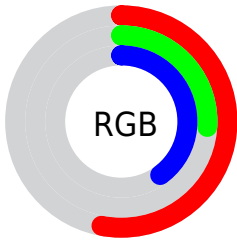
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	135, 66, 102
Decimal	8864358
CIE <sub>Lab</sub>	37.85, 34.04, -7.48
CIE <sub>LCh</sub>	38, 34.849, 347.607
Yxy	10.0066, 0.3764, 0.2627
Android (android.graphics.Color)	4287054438 (0xFF874266)
YUV	90.7350, 5.5536, 38.8204
Hunter-Lab	31.6333, 25.5491, -3.6210

# Details

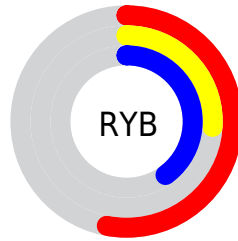
The Hex color **874266** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **428763**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BE7499**, and **531037** is the 20% darker color. If you saturate the color by 10%, you get **873560**, and if you desaturate by 10%, it is **87506C**.

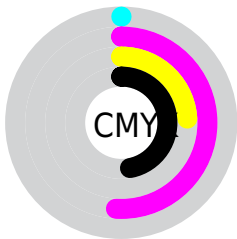
# Distribution



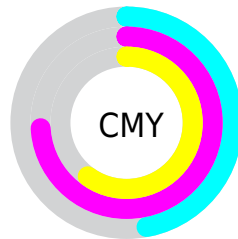
- Red (53%)
- Green (26%)
- Blue (40%)



- Red (53%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (51%)
- Yellow (24%)
- Black (47%)



- Cyan (47%)
- Magenta (74%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 874266 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 874266 by changing the saturation by 10% instead.



 874266

 874266

FFFFFF

 6D2A4E

 BE7499

 531037

 DB8FB4

 3A0022

 F8AACF

 25000A

 FFC5EB

 000000

 FFE1FF

FFFEFF

 874266

 874266

 873560

 87506C

872759

875D73

871A53

876B79

870C4C

877880

870046

878686

87938D

87A193

87AE9A

87BBA0

# Harmonies

## Analogous

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



704B7F



874266



8E414A

# Triad

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



874266



595D20



006582

# Complementary

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



874266



428763

# 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.



006769



874266



386332

# Square

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



874266



735320



00664C



006090

# Rectangle

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



874266



8A4638



00664C



00667B



# Sweetspot

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



874266



B096A3



624287



594952



D9D9D9



595959



# Same Dimension

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



874266



B0457D



874244



423C3F



820044



030001



# Inverse Universe

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



874266



B0457D



428785



423C3F



820044

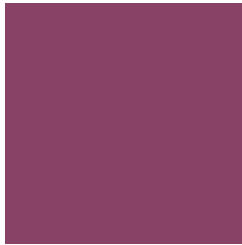


030001



# Previews

## White Background



This preview shows how the Hex color 874266 looks on a white background.

## Color Contrast Check

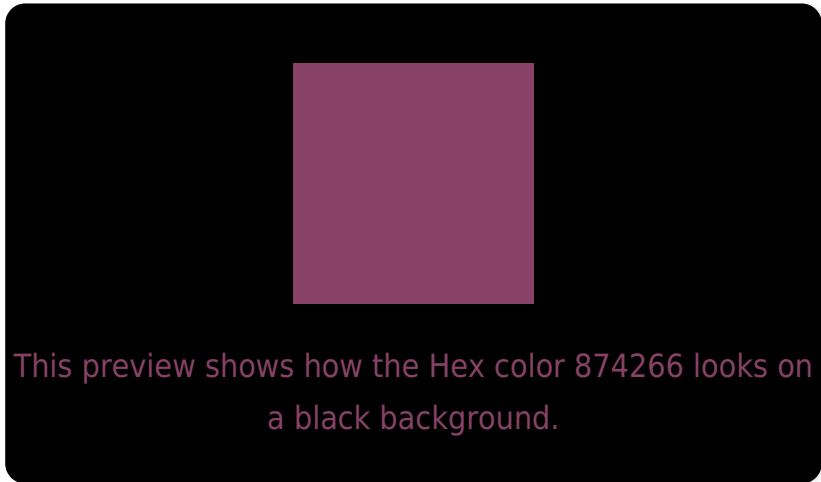
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

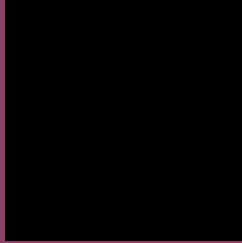
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 874266 Background



This preview shows how black text looks on a background with the Hex color 874266.




This preview shows how white text looks on a background with the Hex color 874266.

# 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**  
85474C

# Trichromacy



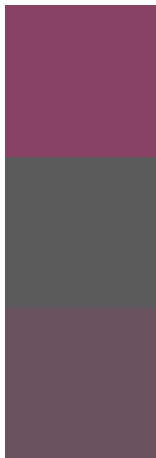
**Original Color**  
874266

**Protanomaly**  
655170

**Deuteranomaly**  
6D4F63

**Tritanomaly**  
864555

# Monochromacy



**Original Color**  
874266

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
6B525F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 874266 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 #874266 looks like.

```
.text, #text, p{  
    color:#874266  
}
```

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 #874266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874266
}
```

## Border

The CSS property to change the border of an element to Hex 874266 is called "border". The border property can be set on classes, ids or directly on the HTML element.

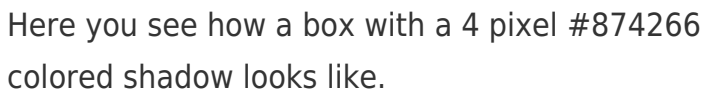
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874266 }
```

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

```
.border{ border-color:#874266 }
```

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



Here you see how a box with a 4 pixel #874266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874266; -webkit-box-shadow:4px 4px  
4px 4px #874266; box-shadow:4px 4px 4px  
4px #874266 }
```

# Background

The CSS property to change the background color of an element to Hex 874266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874266 }
```

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

```
.background{ background-color:#874266 }
```

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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