

Converting Colors

Hex(874581)

Have a look what the booklet for
Hex(874581) contains.

Hex(874581)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(874581)

Conversions

Conversions Part 1

Format	Color
Hex	874581
RGB	135, 69, 129
RGB Percent	53%, 27%, 51%
CMY	0.4706, 0.7294, 0.4941
CMYK	0.00, 0.49, 0.04, 0.47
HSL	305°, 32%, 40%
HSV	305°, 49%, 53%
XYZ	16.0822, 10.9921, 22.0429
YIQ	95.5740, 20.0760, 32.6520

Conversions

Conversions Part 2

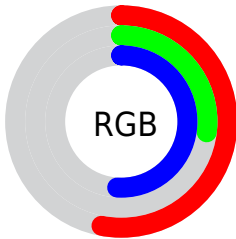
Format	Color
R_{YB}	135, 69, 129
Decimal	8865153
CIE _{Lab}	39.57, 37.04, -21.63
CIE _{LCh}	40, 42.889, 329.714
Yxy	10.9921, 0.3274, 0.2238
Android (android.graphics.Color)	4287055233 (0xFF874581)
YUV	95.5740, 16.4790, 34.5766
Hunter-Lab	33.1544, 28.5652, -16.2114

Details

The Hex color **874581** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45874B**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **BE78B6**, and **53134F** is the 20% darker color. If you saturate the color by 10%, you get **873880**, and if you desaturate by 10%, it is **875282**.

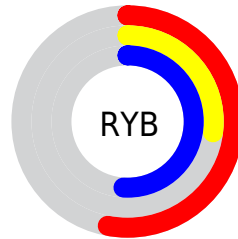
Distribution



Red (53%)

Green (27%)

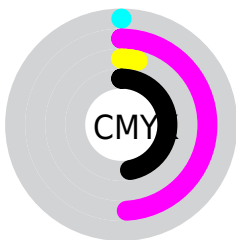
Blue (51%)



Red (53%)

Yellow (27%)

Blue (51%)

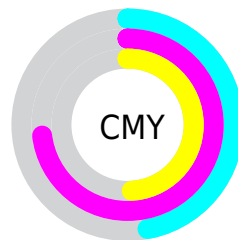


Cyan (0%)

Magenta (49%)

Yellow (4%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 874581 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 874581 by changing the saturation by 10% instead.

874581

874581

FFFFFF

6D2C68

BE78B6

53134F

DA92D2

3A0038

F7ADEE

270023

FFC9FF

000009

FFE5FF

000000

874581

874581

873880

875282

872A7F

876083

871D7D

876E85

870F7C

877B86

87027B

878987

87007B

879688

87A38A

87B18B

87BE8C

Harmonies

Analogous

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



5C549A



874581



9B3C5F

Triad

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



874581



6F5B0F



006D7F

Complementary

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



874581



45874B

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.



006E5C



874581



4D651B

Square

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



874581



8A4E20



166B38



006A99

Rectangle

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



874581



9C3E48



166B38



006E74

Sweetspot

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



874581



B096AE



4B4587



594958



D9D9D9



595959

Same Dimension

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



874581



B048A7



874560



423C42



820076



030002

Inverse Universe

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



874581



B048A7



45876C



423C42



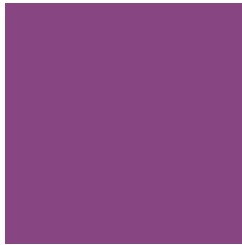
820076



030002

Previews

White Background



This preview shows how the Hex color 874581 looks on a white background.

Color Contrast Check

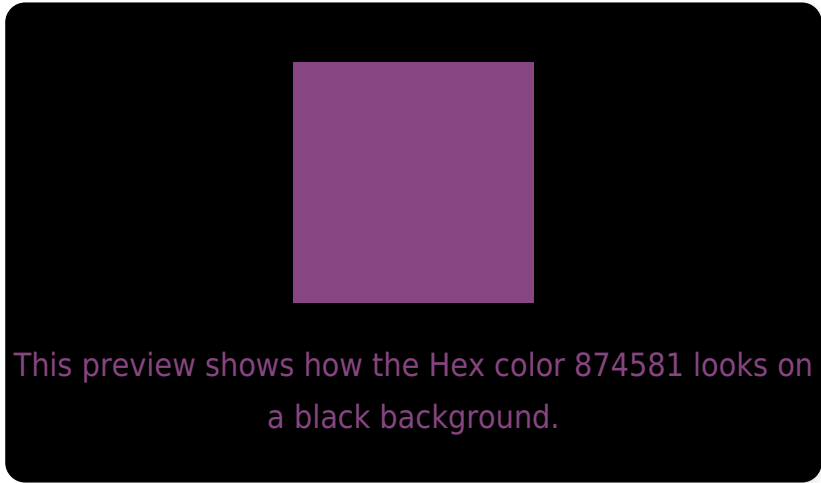
Large Text (above 18pt) WCAG AA ✓ Pass

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

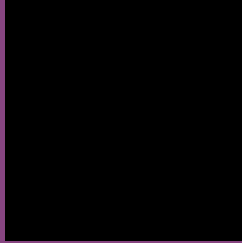
Any Text WCAG AA × Fail

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 874581 Background



This preview shows how black text looks on a background with the Hex color 874581.

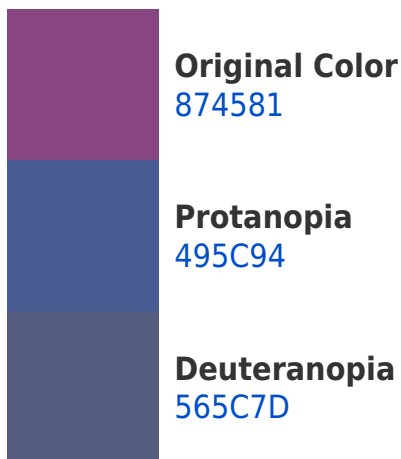


This preview shows how white text looks on a background with the Hex color 874581.

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
824F55

Trichromacy



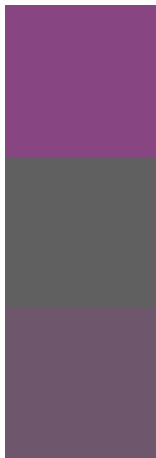
Original Color
874581

Protanomaly
60548D

Deuteranomaly
68547E

Tritanomaly
844B65

Monochromacy



Original Color
874581

Achromatopsia
606060

Achromatomaly
6E566C

CSS Examples

Text

The CSS property to change the color of the text to Hex 874581 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 #874581 looks like.

```
.text, #text, p{  
    color:#874581  
}
```

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 #874581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #874581
}
```

Border

The CSS property to change the border of an element to Hex 874581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

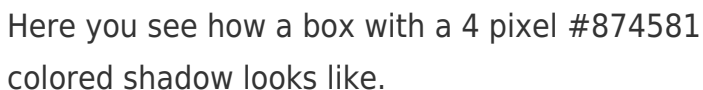
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#874581 }
```

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

```
.border{ border-color:#874581 }
```

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



Here you see how a box with a 4 pixel #874581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #874581; -webkit-box-shadow:4px 4px  
4px 4px #874581; box-shadow:4px 4px 4px  
4px #874581 }
```

Background

The CSS property to change the background color of an element to Hex 874581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#874581 }
```

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

```
.background{ background-color:#874581 }
```

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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