

# Converting Colors

Hex(804563)

Have a look what the booklet for  
Hex(804563) contains.

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# Color

**Hex(804563)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804563
RGB	128, 69, 99
RGB Percent	50%, 27%, 39%
CMY	0.4980, 0.7294, 0.6118
CMYK	0.00, 0.46, 0.23, 0.50
HSL	329°, 30%, 39%
HSV	329°, 46%, 50%
XYZ	13.2823, 9.7463, 12.9855
YIQ	90.0610, 25.5340, 21.8380

# Conversions

## Conversions Part 2

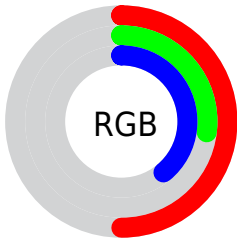
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 69, 99
Decimal	8406371
CIE <sub>Lab</sub>	37.38, 29.37, -6.41
CIE <sub>LCh</sub>	37, 30.058, 347.695
Yxy	9.7463, 0.3688, 0.2706
Android (android.graphics.Color)	4286596451 (0xFF804563)
YUV	90.0610, 4.4069, 33.2725
Hunter-Lab	31.2190, 21.3106, -2.8083

# Details

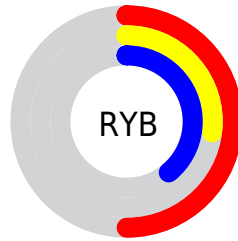
The Hex color **804563** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **458062**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **B67796**, and **4D1635** is the 20% darker color. If you saturate the color by 10%, you get **80385D**, and if you desaturate by 10%, it is **805269**.

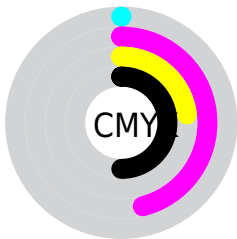
# Distribution



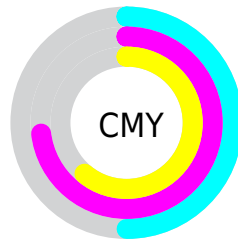
- Red (50%)
- Green (27%)
- Blue (39%)



- Red (50%)
- Yellow (27%)
- Blue (39%)



- Cyan (0%)
- Magenta (46%)
- Yellow (23%)
- Black (50%)



- Cyan (50%)
- Magenta (73%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 804563 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 804563 by changing the saturation by 10% instead.



 804563

 804563

FFFFFF

 662D4B

 B67796

 4D1635

 D291B0

 34001F

 EFACCC

 1F0005

 FFC7E8

 000000

 FFE4FF

 804563

 804563

 80385D

 805269

 802B56

 805F70

 801F50

 806B76

 80124A

 80787C

 800544

 808582

 800041

 809289

 809F8F

 80AB95

 80B89C

# Harmonies

## Analogous

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



6C4C79



804563



86444B

# Triad

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



804563



585B28



00627B

# Complementary

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



804563



458062

# 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.



006466



804563



3D6136

# Square

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



804563



6F5328



14644D



0E5D87

# Rectangle

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



804563



83483C



14644D



006375



# Sweetspot

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



804563



A68F9A



624580



54464D



D4D4D4



545454



# Same Dimension

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



804563



A64B79



804546



40393D



800041



000000



# Inverse Universe

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



804563



A64B79



45807F



40393D



800041

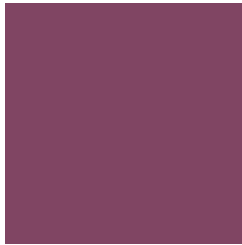


000000



# Previews

## White Background



This preview shows how the Hex color 804563 looks on a white background.

## Color Contrast Check

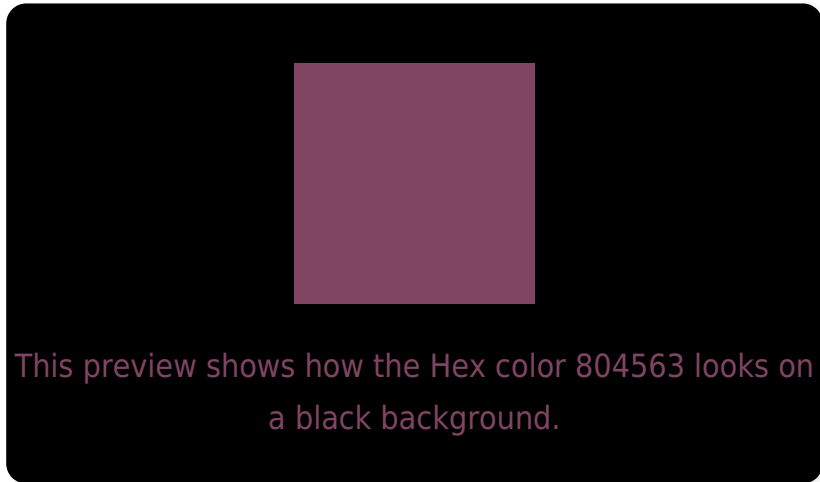
Large Text (above 18pt) WCAG AA ✓ Pass

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

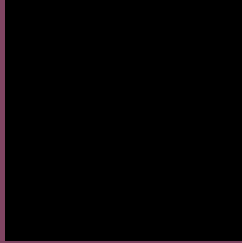
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 804563 Background



This preview shows how black text looks on a background with the Hex color 804563.

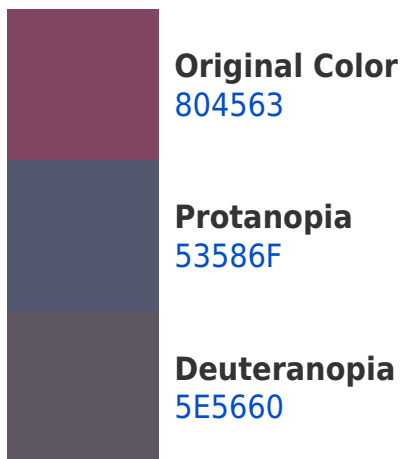


This preview shows how white text looks on a background with the Hex color 804563.

# 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**  
7E494E

# Trichromacy



**Original Color**  
804563

**Protanomaly**  
63516B

**Deuteranomaly**  
6A5061

**Tritanomaly**  
7F4856

# Monochromacy



**Original Color**  
804563

**Achromatopsia**  
5A5A5A

**Achromatomaly**  
68525D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 804563 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 #804563 looks like.

```
.text, #text, p{  
    color:#804563  
}
```

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 #804563 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804563
}
```

## Border

The CSS property to change the border of an element to Hex 804563 is called "border". The border property can be set on classes, ids or directly on the HTML element.

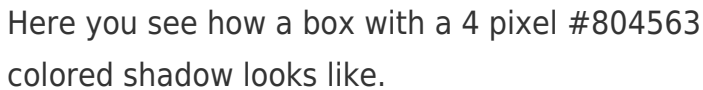
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804563 }
```

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

```
.border{ border-color:#804563 }
```

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



Here you see how a box with a 4 pixel #804563 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804563; -webkit-box-shadow:4px 4px  
4px 4px #804563; box-shadow:4px 4px 4px  
4px #804563 }
```

# Background

The CSS property to change the background color of an element to Hex 804563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804563 }
```

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

```
.background{ background-color:#804563 }
```

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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