

Converting Colors

Hex(804571)

Have a look what the booklet for
Hex(804571) contains.

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Color

Hex(804571)

Conversions

Conversions Part 1

Format	Color
Hex	804571
RGB	128, 69, 113
RGB Percent	50%, 27%, 44%
CMY	0.4980, 0.7294, 0.5569
CMYK	0.00, 0.46, 0.12, 0.50
HSL	315°, 30%, 39%
HSV	315°, 46%, 50%
XYZ	14.0108, 10.0377, 16.8218
YIQ	91.6570, 21.0400, 26.1920

Conversions

Conversions Part 2

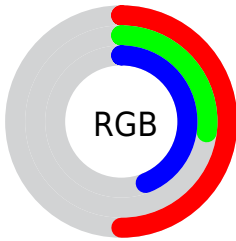
Format	Color
R_{YB}	128, 69, 113
Decimal	8406385
CIE _{Lab}	37.91, 31.76, -14.37
CIE _{LCh}	38, 34.855, 335.655
Yxy	10.0377, 0.3428, 0.2456
Android (android.graphics.Color)	4286596465 (0xFF804571)
YUV	91.6570, 10.5221, 31.8728
Hunter-Lab	31.6823, 23.4939, -9.3025

Details

The Hex color **804571** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **458054**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **B677A5**, and **4D1541** is the 20% darker color. If you saturate the color by 10%, you get **80386E**, and if you desaturate by 10%, it is **805274**.

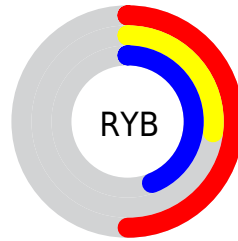
Distribution



Red (50%)

Green (27%)

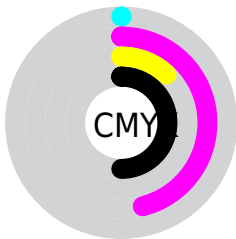
Blue (44%)



Red (50%)

Yellow (27%)

Blue (44%)

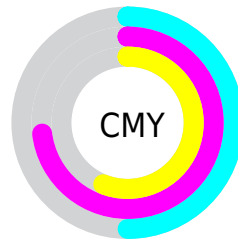


Cyan (0%)

Magenta (46%)

Yellow (12%)

Black (50%)



Cyan (50%)

Magenta (73%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804571 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 804571 by changing the saturation by 10% instead.

 804571

 804571

FFFFFF

 662D58

 B677A5

 4D1541

 D291C0

 35002B

 EFACDC

 200016

 FFC8F8

 000000

 FFE4FF

 804571

 804571

 80386E

 805274

 802B6A

 805F78

801F67

806B7B

801264

80787E

800561

808581

80005F

809285

809F88

80AB8B

80B88E

Harmonies

Analogous

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



625087



804571



8D4055

Triad

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



804571



64591E



006679

Complementary

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



804571



458054

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.



00675E



804571



476129

Square

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



804571



7C4F25



1C6641



00628C

Rectangle

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



804571



8D4342



1C6641



006771

Sweetspot

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



804571



A68FA0



544580



544651



D4D4D4



545454

Same Dimension

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



804571



A64B8F



804554



40393E



80005F



000000

Inverse Universe

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



804571



A64B8F



458071



40393E



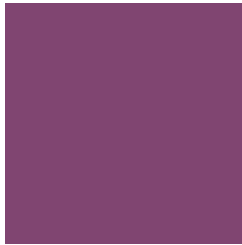
80005F



000000

Previews

White Background



This preview shows how the Hex color 804571 looks on a white background.

Color Contrast Check

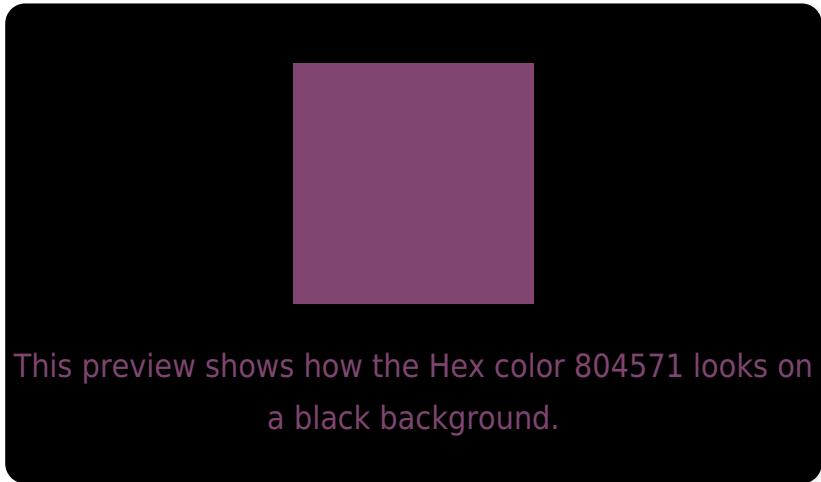
Large Text (above 18pt) WCAG AA ✓ Pass

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

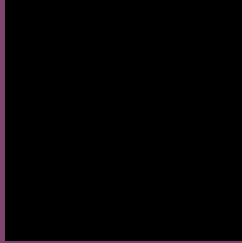
Any Text WCAG AA × Fail

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 804571 Background



This preview shows how black text looks on a background with the Hex color 804571.



This preview shows how white text looks on a background with the Hex color 804571.

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
7C4C51

Trichromacy



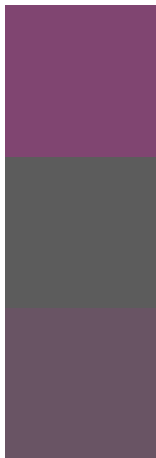
Original Color
804571

Protanomaly
60517A

Deuteranomaly
67516F

Tritanomaly
7D495D

Monochromacy



Original Color
804571

Achromatopsia
5C5C5C

Achromatomaly
695464

CSS Examples

Text

The CSS property to change the color of the text to Hex 804571 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 #804571 looks like.

```
.text, #text, p{  
    color:#804571  
}
```

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 #804571 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804571
}
```

Border

The CSS property to change the border of an element to Hex 804571 is called "border". The border property can be set on classes, ids or directly on the HTML element.

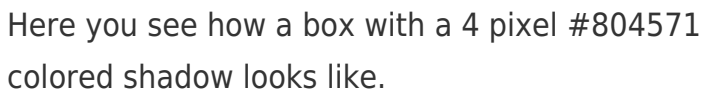
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804571 }
```

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

```
.border{ border-color:#804571 }
```

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



Here you see how a box with a 4 pixel #804571 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804571; -webkit-box-shadow:4px 4px  
4px 4px #804571; box-shadow:4px 4px 4px  
4px #804571 }
```

Background

The CSS property to change the background color of an element to Hex 804571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804571 }
```

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

```
.background{ background-color:#804571 }
```

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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