

Converting Colors

Hex(804166)

Have a look what the booklet for
Hex(804166) contains.

Hex(804166)	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(804166)

Conversions

Conversions Part 1

Format	Color
Hex	804166
RGB	128, 65, 102
RGB Percent	50%, 25%, 40%
CMY	0.4980, 0.7451, 0.6000
CMYK	0.00, 0.49, 0.20, 0.50
HSL	325°, 33%, 38%
HSV	325°, 49%, 50%
XYZ	13.1907, 9.3291, 13.6758
YIQ	88.0550, 25.6710, 24.8630

Conversions

Conversions Part 2

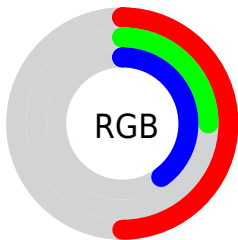
Format	Color
R_{YB}	128, 65, 102
Decimal	8405350
CIE _{Lab}	36.61, 32.10, -9.45
CIE _{LCh}	37, 33.463, 343.592
Yxy	9.3291, 0.3644, 0.2577
Android (android.graphics.Color)	4286595430 (0xFF804166)
YUV	88.0550, 6.8749, 35.0318
Hunter-Lab	30.5436, 23.6364, -5.1665

Details

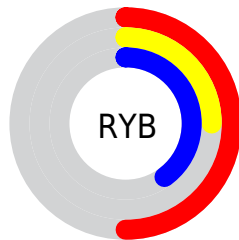
The Hex color **804166** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **41805B**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **B67399**, and **4D1037** is the 20% darker color. If you saturate the color by 10%, you get **803461**, and if you desaturate by 10%, it is **804E6B**.

Distribution



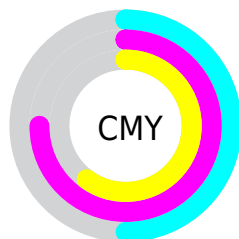
- Red (50%)
- Green (25%)
- Blue (40%)



- Red (50%)
- Yellow (25%)
- Blue (40%)



- Cyan (0%)
- Magenta (49%)
- Yellow (20%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804166 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 804166 by changing the saturation by 10% instead.

 804166

 804166

FFFFFF

 66294E

 B67399

 4D1037

 D38DB4

 340022

 EFA8CF

 1D000A

 FFC3EC

 000000

 FFE0FF

 FFFDFF

 804166

 804166

 803461

 804E6B

80275B

805B71

801B56

806776

800E51

80747B

80014C

808180

80004B

808E86

809B8B

80A790

80B496

Harmonies

Analogous

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



684A7D



804166



883F4B

Triad

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



804166



5A591F



00627B

Complementary

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



804166



41805B

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.



006462



804166



3C5F2E

Square

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



804166



724F21



066346



005D89

Rectangle

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



804166



86433A



066346



006373

Sweetspot

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



804166



A68D9B



5A4180



54454E



D4D4D4



545454

Same Dimension

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



804166



A6447D



804147



40393D



80004B



000000

Inverse Universe

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



804166



A6447D



41807A



40393D



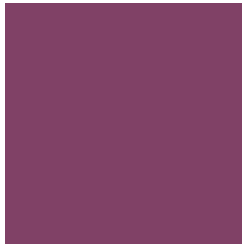
80004B



000000

Previews

White Background



This preview shows how the Hex color 804166 looks on a white background.

Color Contrast Check

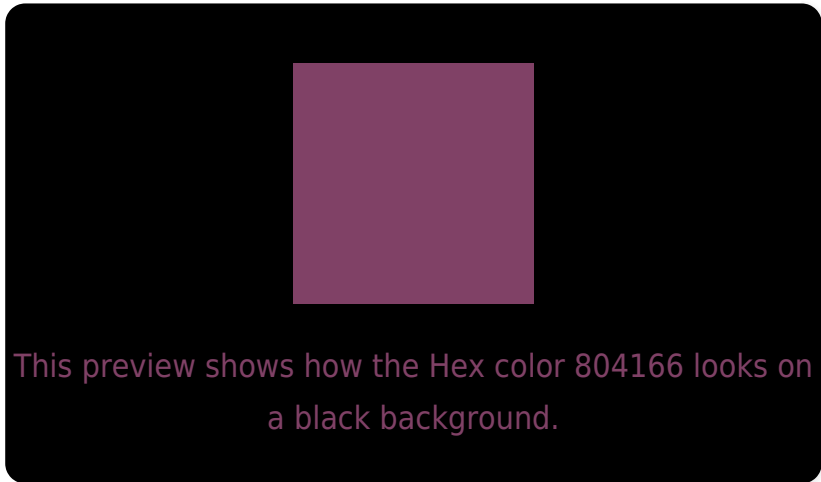
Large Text (above 18pt) WCAG AA ✓ Pass

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

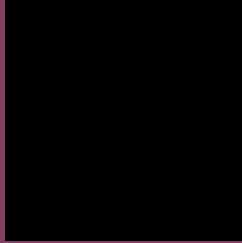
Any Text WCAG AA × Fail

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 804166 Background



This preview shows how black text looks on a background with the Hex color 804166.

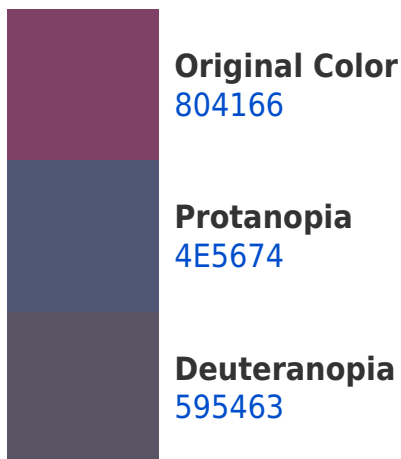



This preview shows how white text looks on a background with the Hex color 804166.

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
7D464C

Trichromacy



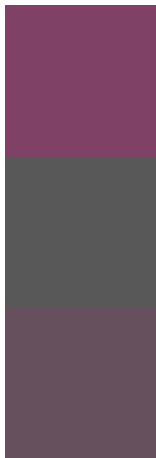
Original Color
804166

Protanomaly
604E6F

Deuteranomaly
674D64

Tritanomaly
7E4455

Monochromacy



Original Color
804166

Achromatopsia
585858

Achromatomaly
67505D

CSS Examples

Text

The CSS property to change the color of the text to Hex 804166 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 #804166 looks like.

```
.text, #text, p{  
    color:#804166  
}
```

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 #804166 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804166
}
```

Border

The CSS property to change the border of an element to Hex 804166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

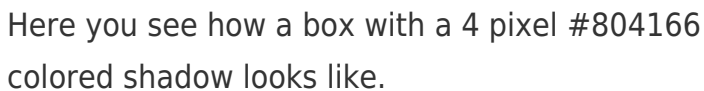
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804166 }
```

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

```
.border{ border-color:#804166 }
```

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



Here you see how a box with a 4 pixel #804166 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804166; -webkit-box-shadow:4px 4px  
4px 4px #804166; box-shadow:4px 4px 4px  
4px #804166 }
```

Background

The CSS property to change the background color of an element to Hex 804166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804166 }
```

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

```
.background{ background-color:#804166 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor