

# Converting Colors

Hex(8C477A)

Have a look what the booklet for  
Hex(8C477A) contains.

<b>Hex(8C477A)</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(8C477A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C477A
RGB	140, 71, 122
RGB Percent	55%, 28%, 48%
CMY	0.4510, 0.7216, 0.5216
CMYK	0.00, 0.49, 0.13, 0.45
HSL	316°, 33%, 41%
HSV	316°, 49%, 55%
XYZ	16.5813, 11.4871, 19.7556
YIQ	97.4450, 24.7530, 30.4890

# Conversions

## Conversions Part 2

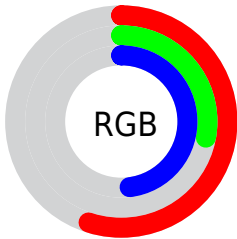
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 71, 122
Decimal	9193338
CIE <sub>Lab</sub>	40.39, 36.32, -16.00
CIE <sub>LCh</sub>	40, 39.693, 336.225
Yxy	11.4871, 0.3467, 0.2402
Android (android.graphics.Color)	4287383418 (0xFF8C477A)
YUV	97.4450, 12.1056, 37.3207
Hunter-Lab	33.8926, 28.0158, -10.8348

# Details

The Hex color **8C477A** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **478C59**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **C37AAF**, and **581549** is the 20% darker color. If you saturate the color by 10%, you get **8C3976**, and if you desaturate by 10%, it is **8C557E**.

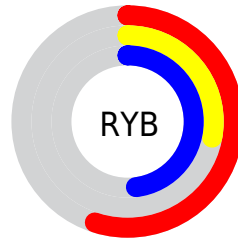
# Distribution



Red (55%)

Green (28%)

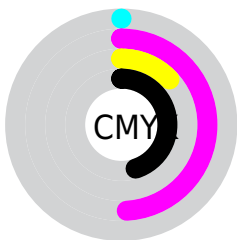
Blue (48%)



Red (55%)

Yellow (28%)

Blue (48%)

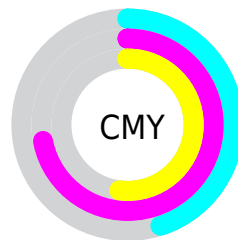


Cyan (0%)

Magenta (49%)

Yellow (13%)

Black (45%)



Cyan (45%)

Magenta (72%)

Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C477A 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 8C477A by changing the saturation by 10% instead.



 8C477A

 8C477A

FFFFFF

 722E61

 C37AAF

 581549

 E094CA

 3F0032

 FDAFE6

 2A001E

 FFCBFF

 000000

 FFE8FF

 8C477A

 8C477A

 8C3976

 8C557E

 8C2B73

 8C6381

8C1D6F

8C7185

8C0F6B

8C7F89

8C0168

8C8D8C

8C0067

8C9B90

8CA994

8CB797

8CC59B

# Harmonies

## Analogous

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



6A5494



8C477A



9A425A

# Triad

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



8C477A



6B601A



006E85

# Complementary

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



8C477A



478C59

# 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.



006F65



8C477A



486828

# Square

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



8C477A



865423



0F6D44



00699A

# Rectangle

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



8C477A



9A4544



0F6D44



006F7B



# Sweetspot

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



8C477A



B59AAE



58478C



5C4B57



DBDBDB



5C5C5C



# Same Dimension

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



8C477A



B54A99



8C4758



453E43



850062



050004



# Inverse Universe

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



8C477A



B54A99



478C7B



453E43



850062



050004



# Previews

## White Background



This preview shows how the Hex color 8C477A looks on a white background.

## Color Contrast Check

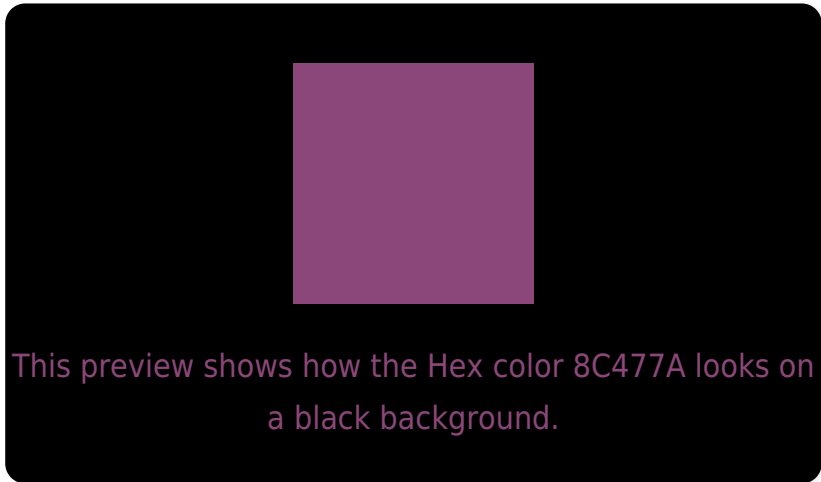
Large Text (above 18pt) WCAG AA ✓ Pass

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

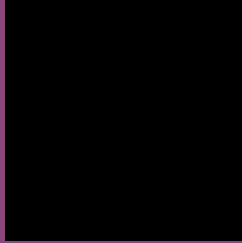
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8C477A Background



This preview shows how black text looks on a background with the Hex color 8C477A.

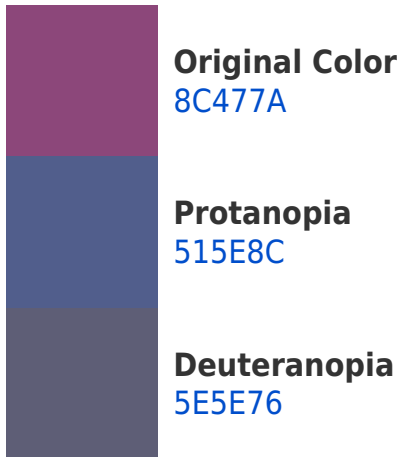


This preview shows how white text looks on a background with the Hex color 8C477A.

# 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**  
884F55

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C477A 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 #8C477A looks like.

```
.text, #text, p{  
    color:#8C477A  
}
```

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 #8C477A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C477A
}
```

## Border

The CSS property to change the border of an element to Hex 8C477A is called "border". The border property can be set on classes, ids or directly on the HTML element.

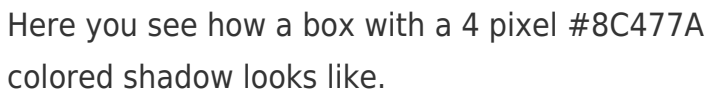
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C477A }
```

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

```
.border{ border-color:#8C477A }
```

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



Here you see how a box with a 4 pixel #8C477A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C477A; -webkit-box-shadow:4px 4px  
4px 4px #8C477A; box-shadow:4px 4px 4px  
4px #8C477A }
```

# Background

The CSS property to change the background color of an element to Hex 8C477A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C477A }
```

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

```
.background{ background-color:#8C477A }
```

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