

# Converting Colors

Hex(837278)

Have a look what the booklet for  
Hex(837278) contains.

<b>Hex(837278)</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(837278)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	837278
RGB	131, 114, 120
RGB Percent	51%, 45%, 47%
CMY	0.4863, 0.5529, 0.5294
CMYK	0.00, 0.13, 0.08, 0.49
HSL	339°, 7%, 48%
HSV	339°, 13%, 51%
XYZ	18.7676, 18.2160, 20.2962
YIQ	119.7670, 8.2060, 5.4700

# Conversions

## Conversions Part 2

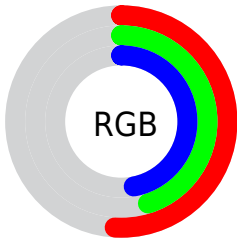
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 114, 120
Decimal	8614520
CIE Lab	49.76, 7.72, -0.87
CIE LCh	50, 7.770, 353.544
Yxy	18.2160, 0.3276, 0.3180
Android (android.graphics.Color)	4286804600 (0xFF837278)
YUV	119.7670, 0.1149, 9.8513
Hunter-Lab	42.6802, 3.8006, 1.6813

# Details

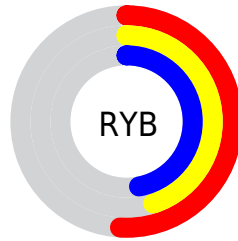
The Hex color **837278** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **72837D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **B8A6AC**, and **524248** is the 20% darker color. If you saturate the color by 10%, you get **836570**, and if you desaturate by 10%, it is **837F80**.

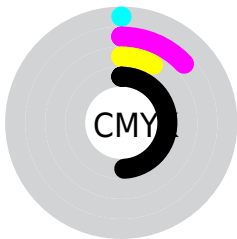
# Distribution



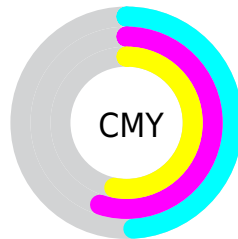
- Red (51%)
- Green (45%)
- Blue (47%)



- Red (51%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (49%)



- Cyan (49%)
- Magenta (55%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 837278 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 837278 by changing the saturation by 10% instead.



 837278

 837278

FFFFFF

 6A595F

 B8A6AC

 524248

 D4C1C8

 3A2C31

 F0DDE4

 25171C

 FFF9FF

 100001

 000000

 837278

 837278

 836570

 837F80

 835867

 838C89

834B5F

839991

833E56

83A69A

83314E

83B3A2

832345

83C1AB

83163D

83CEB3

830934

83DBBC

83002E

83E8C4

# Harmonies

## Analogous

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



7E737E



837278



857271

# Triad

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



837278



76786A



687981

# Complementary

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



837278



72837D

# 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.



667A7B



837278



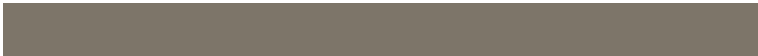
6F796E

# Square

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



837278



7D7569



687A75



6E7783

# Rectangle

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



837278



84736D



687A75



677A7F



# Sweetspot

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



837278



ABA4A6



7D7283



575254



D6D6D6



575757



# Same Dimension

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



837278



AB9099



837472



423C3E



82002E



030001



# Inverse Universe

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



837278



AB9099



728183



423C3E



82002E



030001



# Previews

## White Background



This preview shows how the Hex color 837278 looks on a white background.

## Color Contrast Check

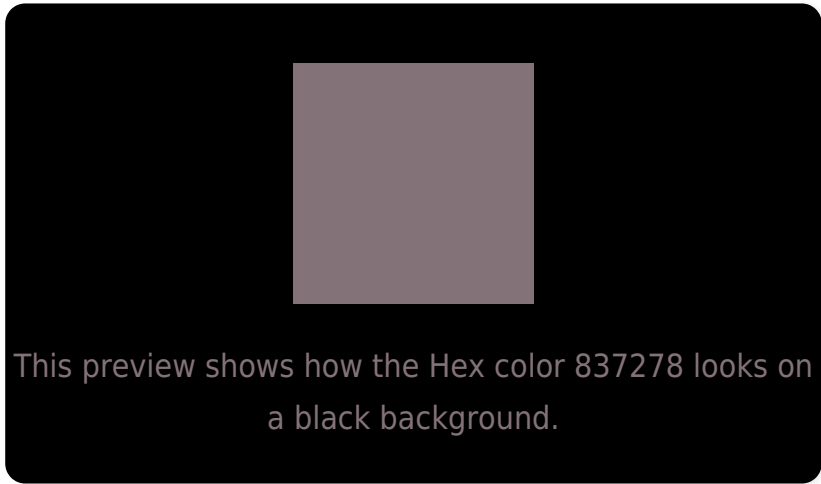
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

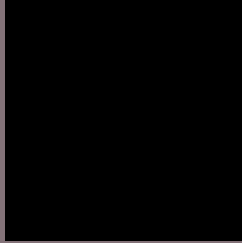
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 837278 Background



This preview shows how black text looks on a background with the Hex color 837278.



This preview shows how white text looks on a background with the Hex color 837278.

# 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



**Original Color**  
837278

**Protanopia**  
77767A

**Deuteranopia**  
817378



**Tritanopia**  
83727A

# Trichromacy



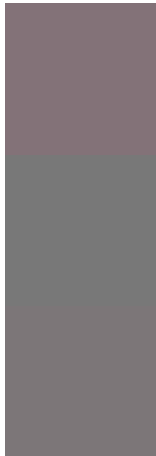
**Original Color**  
837278

**Protanomaly**  
7B7579

**Deuteranomaly**  
827378

**Tritanomaly**  
837279

# Monochromacy



**Original Color**  
837278

**Achromatopsia**  
787878

**Achromatomaly**  
7C7678

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 837278 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 #837278 looks like.

```
.text, #text, p{  
    color:#837278  
}
```

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 #837278 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #837278
}
```

## Border

The CSS property to change the border of an element to Hex 837278 is called "border". The border property can be set on classes, ids or directly on the HTML element.

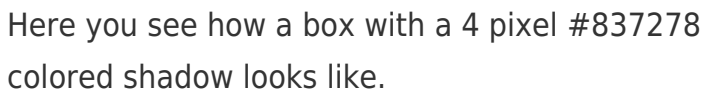
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#837278 }
```

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

```
.border{ border-color:#837278 }
```

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



Here you see how a box with a 4 pixel #837278 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #837278; -webkit-box-shadow:4px 4px  
4px 4px #837278; box-shadow:4px 4px 4px  
4px #837278 }
```

# Background

The CSS property to change the background color of an element to Hex 837278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#837278 }
```

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

```
.background{ background-color:#837278 }
```

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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