

# Converting Colors

Hex(89475E)

Have a look what the booklet for  
Hex(89475E) contains.

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# Color

**Hex(89475E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	89475E
RGB	137, 71, 94
RGB Percent	54%, 28%, 37%
CMY	0.4627, 0.7216, 0.6314
CMYK	0.00, 0.48, 0.31, 0.46
HSL	339°, 32%, 41%
HSV	339°, 48%, 54%
XYZ	14.5901, 10.6330, 11.8731
YIQ	93.3560, 31.9530, 21.1450

# Conversions

## Conversions Part 2

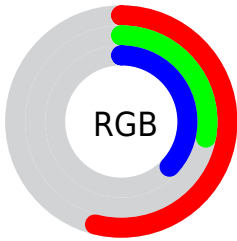
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 71, 94
Decimal	8996702
CIELab	38.96, 30.84, -0.80
CIElCh	39, 30.852, 358.515
Yxy	10.6330, 0.3933, 0.2866
Android (android.graphics.Color)	4287186782 (0xFF89475E)
YUV	93.3560, 0.3175, 38.2758
Hunter-Lab	32.6083, 22.8030, 1.2376

# Details

The Hex color **89475E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **478972**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **C07990**, and **551730** is the 20% darker color. If you saturate the color by 10%, you get **893955**, and if you desaturate by 10%, it is **895567**.

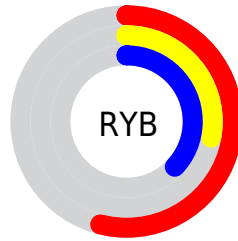
# Distribution



Red (54%)

Green (28%)

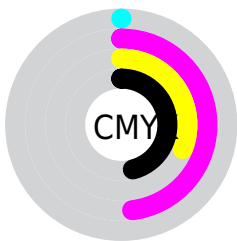
Blue (37%)



Red (54%)

Yellow (28%)

Blue (37%)

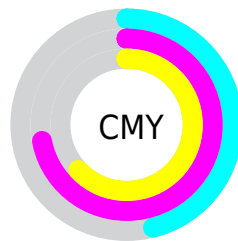


Cyan (0%)

Magenta (48%)

Yellow (31%)

Black (46%)



Cyan (46%)

Magenta (72%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 89475E 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 89475E by changing the saturation by 10% instead.



89475E

89475E

FFFFFF

6E2F46

C07990

551730

DD93AB

3B001B

FAAEC6

280001

FFCAE2

000000

FFE7FF

89475E

89475E

893955

895567

892C4C

896270

891E43

897079

89103A

897E82

890331

898C8B

890030

899994

89A79C

89B5A5

89C2AE

# Harmonies

## Analogous

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



7A4C76



89475E



8A4945

# Triad

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



89475E



53612E



006586

# Complementary

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



89475E



478972

# 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.



006873



89475E



336641

# Square

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



89475E



6C5A28



00685A



2D5F8E

# Rectangle

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



89475E



844E37



00685A



006681



# Sweetspot

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



89475E



B39AA2



724789



594A4F



D9D9D9



595959



# Same Dimension

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



89475E



B34B6F



895147



453E40



85002E



050002



# Inverse Universe

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



89475E



B34B6F



477F89



453E40



85002E

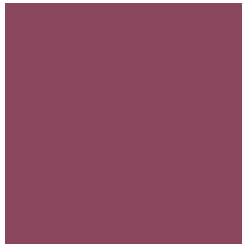


050002



# Previews

## White Background



This preview shows how the Hex color 89475E looks on a white background.

## Color Contrast Check

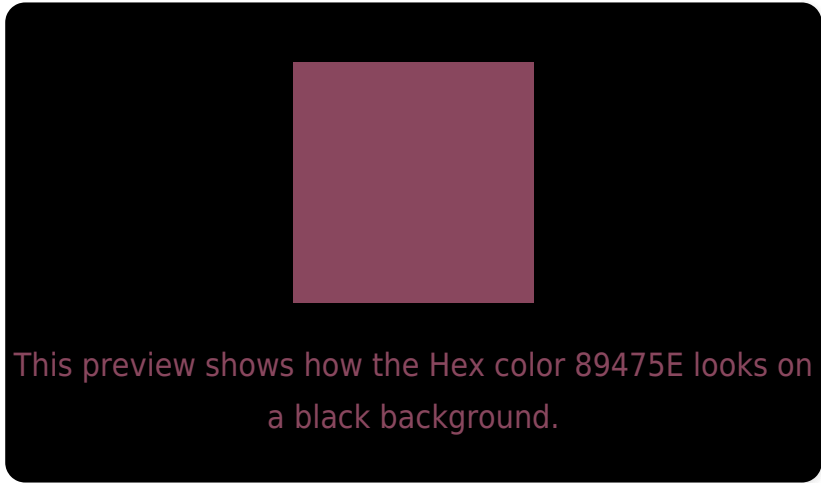
Large Text (above 18pt) WCAG AA ✓ Pass

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

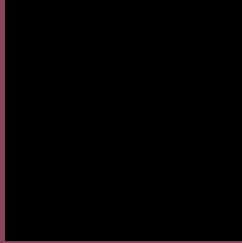
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 89475E Background



This preview shows how black text looks on a background with the Hex color 89475E.



This preview shows how white text looks on a background with the Hex color 89475E.

# 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**  
89475E

**Protanopia**  
5A5C6B

**Deuteranopia**  
66595B



**Tritanopia**  
884A4F

# Trichromacy



**Original Color**  
89475E

**Protanomaly**  
6B5466

**Deuteranomaly**  
73525C

**Tritanomaly**  
884954

# Monochromacy



**Original Color**  
89475E

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
6D555D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 89475E 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 #89475E looks like.

```
.text, #text, p{  
    color:#89475E  
}
```

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 #89475E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #89475E
}
```

## Border

The CSS property to change the border of an element to Hex 89475E is called "border". The border property can be set on classes, ids or directly on the HTML element.

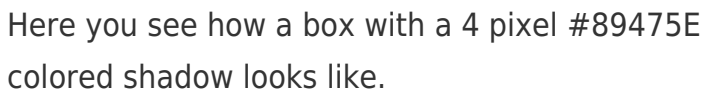
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#89475E }
```

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

```
.border{ border-color:#89475E }
```

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



Here you see how a box with a 4 pixel #89475E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #89475E; -webkit-box-shadow:4px 4px  
4px 4px #89475E; box-shadow:4px 4px 4px  
4px #89475E }
```

# Background

The CSS property to change the background color of an element to Hex 89475E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#89475E }
```

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

```
.background{ background-color:#89475E }
```

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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