

# Converting Colors

Hex(8E6475)

Have a look what the booklet for  
Hex(8E6475) contains.

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# Color

**Hex(8E6475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E6475
RGB	142, 100, 117
RGB Percent	56%, 39%, 46%
CMY	0.4431, 0.6078, 0.5412
CMYK	0.00, 0.30, 0.18, 0.44
HSL	336°, 17%, 47%
HSV	336°, 30%, 56%
XYZ	18.9234, 16.1495, 18.9494
YIQ	114.4960, 19.5750, 14.1910

# Conversions

## Conversions Part 2

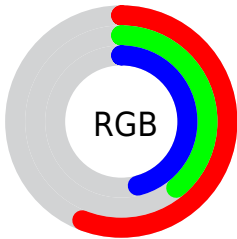
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 100, 117
Decimal	9331829
CIE <sub>Lab</sub>	47.17, 19.68, -2.75
CIE <sub>LCh</sub>	47, 19.867, 352.046
Yxy	16.1495, 0.3503, 0.2989
Android (android.graphics.Color)	4287521909 (0xFF8E6475)
YUV	114.4960, 1.2345, 24.1210
Hunter-Lab	40.1864, 13.7277, 0.1730

# Details

The Hex color **8E6475** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **648E7D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **C497A9**, and **5B3545** is the 20% darker color. If you saturate the color by 10%, you get **8E566D**, and if you desaturate by 10%, it is **8E727D**.

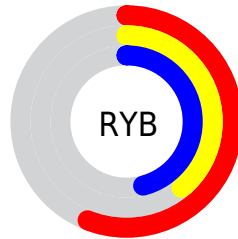
# Distribution



Red (56%)

Green (39%)

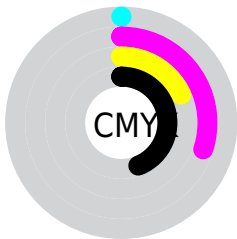
Blue (46%)



Red (56%)

Yellow (39%)

Blue (46%)

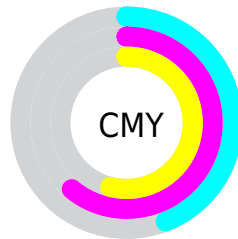


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (44%)



Cyan (44%)

Magenta (61%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E6475 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 8E6475 by changing the saturation by 10% instead.





8E6475



8E6475

FFFFFF



744C5C



C497A9



5B3545



E1B2C4



431F2F



FDCEE0



2B091A



FFFAFD



120000



000000



8E6475



8E6475



8E566D



8E727D



8E4864



8E8086

 8E395C

 8E8F8E

 8E2B53

 8E9D97

 8E1D4B

 8EAB9F

 8E0F42

 8EB9A8

 8E013A

 8EC7B0

 8E0039

 8ED6B9

 8EE4C1

# Harmonies

## Analogous

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



816885



8E6475



926464

# Triad

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



8E6475



6F7351



42778A

# Complementary

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



8E6475



648E7D

# 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.



3E797C



8E6475



5C775B

# Square

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



8E6475



806D4F



4A796B



557391

# Rectangle

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



8E6475



8F665A



4A796B



3E7886



# Sweetspot

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



8E6475



B8A7AE



7C648E



5C5256



DBDBDB



5C5C5C



# Same Dimension

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



8E6475



B87791



8E6864



474043



870037



080003



# Inverse Universe

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



8E6475



B87791



648B8E



474043



870037

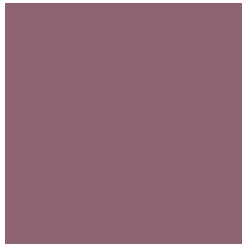


080003



# Previews

## White Background



This preview shows how the Hex color 8E6475 looks on a white background.

## Color Contrast Check

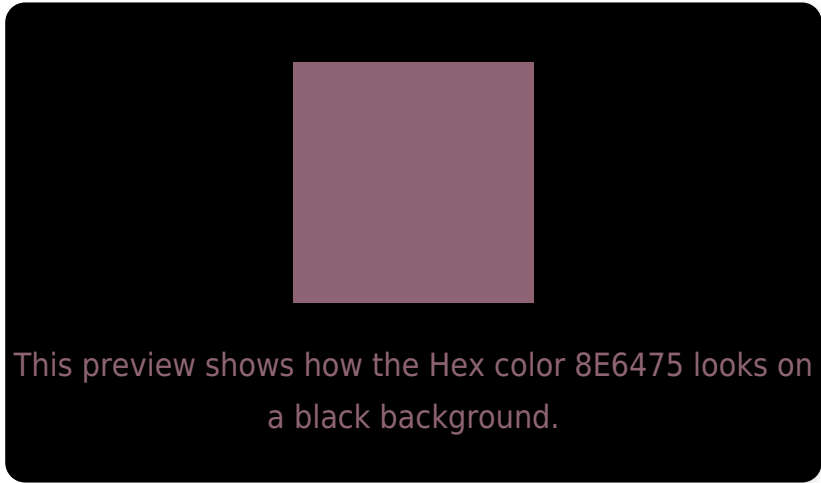
Large Text (above 18pt) WCAG AA ✓ Pass

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

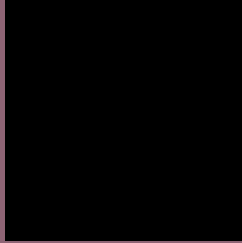
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E6475 Background



This preview shows how black text looks on a background with the Hex color 8E6475.



This preview shows how white text looks on a background with the Hex color 8E6475.

# 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**  
8E6475

**Protanopia**  
6F6F7C

**Deuteranopia**  
796D73



**Tritanopia**  
8D656D

# Trichromacy



**Original Color**  
8E6475

**Protanomaly**  
7A6B79

**Deuteranomaly**  
816A74

**Tritanomaly**  
8D6570

# Monochromacy



**Original Color**  
8E6475

**Achromatopsia**  
727272

**Achromatomaly**  
7C6D73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E6475 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 #8E6475 looks like.

```
.text, #text, p{  
    color:#8E6475  
}
```

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 #8E6475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E6475  
}
```

## Border

The CSS property to change the border of an element to Hex 8E6475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

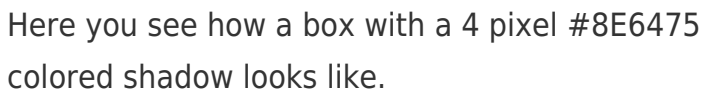
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#8E6475 }
```

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

```
.border{ border-color:#8E6475 }
```

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



Here you see how a box with a 4 pixel #8E6475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E6475; -webkit-box-shadow:4px 4px  
4px 4px #8E6475; box-shadow:4px 4px 4px  
4px #8E6475 }
```

# Background

The CSS property to change the background color of an element to Hex 8E6475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E6475 }
```

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

```
.background{ background-color:#8E6475 }
```

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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