

# Converting Colors

Hex(80646E)

Have a look what the booklet for  
Hex(80646E) contains.

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# Color

**Hex(80646E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	80646E
RGB	128, 100, 110
RGB Percent	50%, 39%, 43%
CMY	0.4980, 0.6078, 0.5686
CMYK	0.00, 0.22, 0.14, 0.50
HSL	339°, 12%, 45%
HSV	339°, 22%, 50%
XYZ	16.2737, 14.8293, 16.7565
YIQ	109.5120, 13.4780, 9.0460

# Conversions

## Conversions Part 2

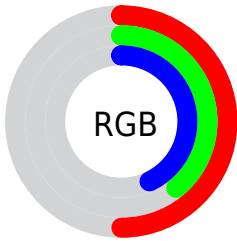
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 100, 110
Decimal	8414318
CIE Lab	45.40, 12.99, -1.32
CIE LCh	45, 13.056, 354.213
Yxy	14.8293, 0.3400, 0.3099
Android (android.graphics.Color)	4286604398 (0xFF80646E)
YUV	109.5120, 0.2406, 16.2140
Hunter-Lab	38.5089, 8.0431, 1.1572




# Details

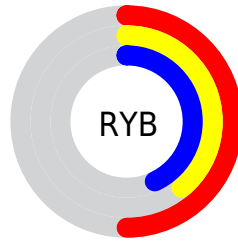
The Hex color **80646E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **648076**, and the grayscale version is **6E6E6E**.




A 20% lighter version of the original color is **B597A2**, and **4E353F** is the 20% darker color. If you saturate the color by 10%, you get **805766**, and if you desaturate by 10%, it is **807176**.

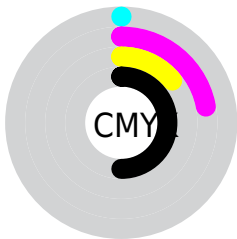
# Distribution







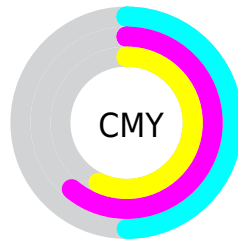
-  Red (50%)
-  Green (39%)
-  Blue (43%)






-  Red (50%)
-  Yellow (39%)
-  Blue (43%)



-  Cyan (0%)
-  Magenta (22%)
-  Yellow (14%)
-  Black (50%)



-  Cyan (50%)
-  Magenta (61%)
-  Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80646E 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 80646E by changing the saturation by 10% instead.





80646E



80646E

FFFFFF



674C56



B597A2



4E353F



D1B2BD



372029



EDCDD8



220A14



FFE9F5



000000



80646E



80646E



805766



807176



804A5E



807E7E



803E55



808A87

80314D

80978F

802445

80A497

80173D

80B19F

800A34

80BEA8

80002E

80CAB0

80D7B8

# Harmonies

## Analogous

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



786678



80646E



826463

# Triad

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



80646E



6A6D58



51707D

# Complementary

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



80646E



648076

# 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.



4E7274



80646E



5E705E

# Square

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



80646E



766A56



537269



5C6D81

# Rectangle

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



80646E



80665D



537269



4F717A



# Sweetspot

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



80646E



A69A9E



766480



544D50



D4D4D4



545454



# Same Dimension

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



80646E



A67B8A



806864



40393C



80002E



000000



# Inverse Universe

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



80646E



A67B8A



647C80



40393C



80002E

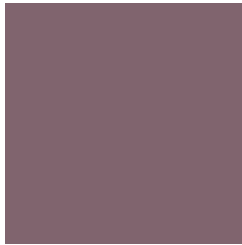


000000



# Previews

## White Background



This preview shows how the Hex color 80646E looks on a white background.

## Color Contrast Check

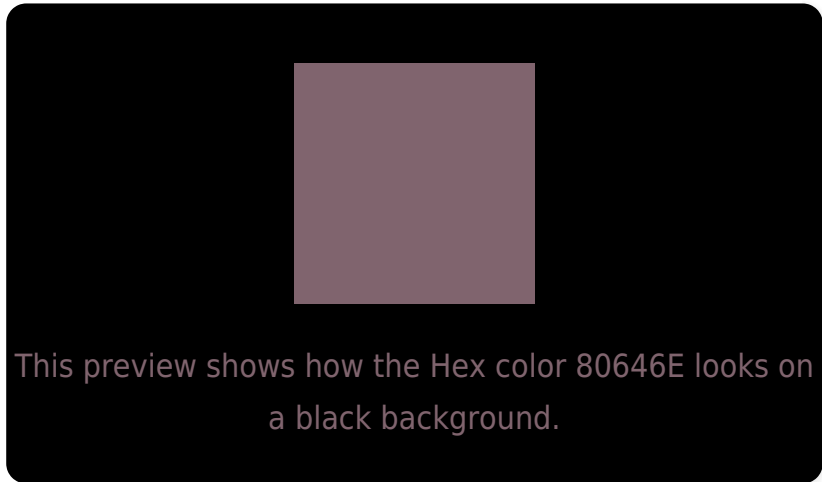
Large Text (above 18pt) WCAG AA ✓ Pass

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

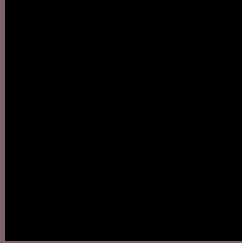
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 80646E Background



This preview shows how black text looks on a background with the Hex color 80646E.



This preview shows how white text looks on a background with the Hex color 80646E.

# 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**  
80646E

**Protanopia**  
6C6B72

**Deuteranopia**  
75686D



**Tritanopia**  
80646C

# Trichromacy



**Original Color**  
80646E

**Protanomaly**  
736871

**Deuteranomaly**  
79676D

**Tritanomaly**  
80646D

# Monochromacy



**Original Color**  
80646E

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
756A6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80646E 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 #80646E looks like.

```
.text, #text, p{  
    color:#80646E  
}
```

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 #80646E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80646E
}
```

## Border

The CSS property to change the border of an element to Hex 80646E is called "border". The border property can be set on classes, ids or directly on the HTML element.

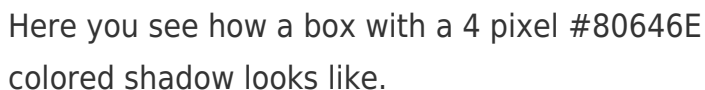
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80646E }
```

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

```
.border{ border-color:#80646E }
```

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



Here you see how a box with a 4 pixel #80646E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80646E; -webkit-box-shadow:4px 4px  
4px 4px #80646E; box-shadow:4px 4px 4px  
4px #80646E }
```

# Background

The CSS property to change the background color of an element to Hex 80646E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80646E }
```

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

```
.background{ background-color:#80646E }
```

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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