

Converting Colors

Hex(80666B)

Have a look what the booklet for
Hex(80666B) contains.

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Color

Hex(80666B)

Conversions

Conversions Part 1

Format	Color
Hex	80666B
RGB	128, 102, 107
RGB Percent	50%, 40%, 42%
CMY	0.4980, 0.6000, 0.5804
CMYK	0.00, 0.20, 0.16, 0.50
HSL	348°, 11%, 45%
HSV	348°, 20%, 50%
XYZ	16.3073, 15.1535, 15.9753
YIQ	110.3440, 13.8910, 7.0670

Conversions

Conversions Part 2

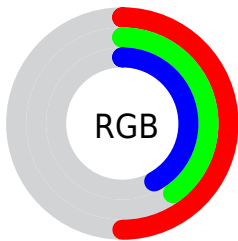
Format	Color
R_{YB}	128, 102, 107
Decimal	8414827
CIE Lab	45.84, 11.27, 1.14
CIE LCh	46, 11.324, 5.785
Yxy	15.1535, 0.3438, 0.3195
Android (android.graphics.Color)	4286604907 (0xFF80666B)
YUV	110.3440, -1.6486, 15.4843
Hunter-Lab	38.9275, 6.6533, 2.9174

Details

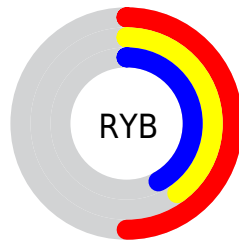
The Hex color **80666B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66807B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **B5999E**, and **4E373C** is the 20% darker color. If you saturate the color by 10%, you get **805961**, and if you desaturate by 10%, it is **807375**.

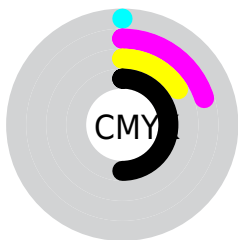
Distribution



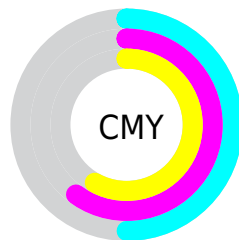
- Red (50%)
- Green (40%)
- Blue (42%)



- Red (50%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (50%)



- Cyan (50%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80666B 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 80666B by changing the saturation by 10% instead.

 80666B

 80666B

FFFFFF

 674E53

 B5999E

 4E373C

 D1B4B9

 372126

 EDCFD5

 220C11

 FFECF1

 000000

 80666B

 80666B

 805961

 807375

 804C56

 808080

 80404C

 808C8A

803342

809994

802637

80A69F

80192D

80B3A9

800C23

80C0B3

800019

80CCBE

80D9C8

Harmonies

Analogous

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



7B6775



80666B



806762

Triad

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



80666B



686F5D



5A707D

Complementary

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



80666B



66807B

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.



547277



80666B



5D7165

Square

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



80666B



726C5A



56726E



646D7F

Rectangle

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



80666B



7D685D



56726E



57707C

Sweetspot

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



80666B



A69C9E



7B6680



544E4F



D4D4D4



545454

Same Dimension

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



80666B



A67E86



806E66



40393B



800019



000000

Inverse Universe

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



80666B



A67E86



667880



40393B



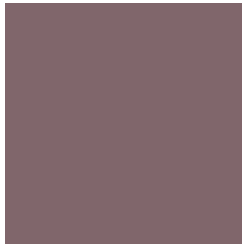
800019



000000

Previews

White Background



This preview shows how the Hex color 80666B looks on a white background.

Color Contrast Check

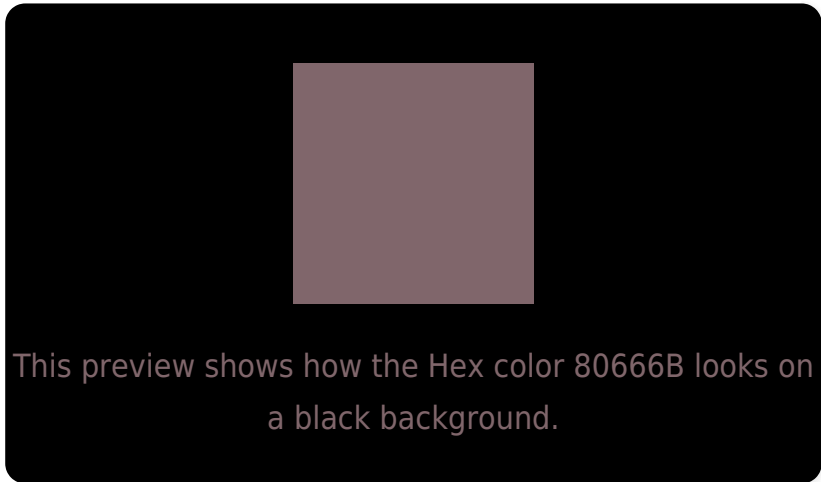
Large Text (above 18pt) WCAG AA ✓ Pass

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

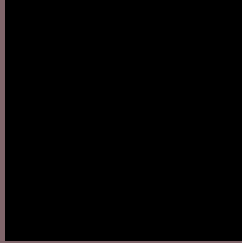
Any Text WCAG AA × Fail

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 80666B Background



This preview shows how black text looks on a background with the Hex color 80666B.



This preview shows how white text looks on a background with the Hex color 80666B.

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
80666B

Protanopia
6E6C6F

Deuteranopia
78696A



Tritanopia
80666D

Trichromacy



Original Color
80666B

Protanomaly
756A6E

Deuteranomaly
7B686A

Tritanomaly
80666C

Monochromacy



Original Color
80666B

Achromatopsia
6E6E6E

Achromatomaly
756B6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 80666B 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 #80666B looks like.

```
.text, #text, p{  
    color:#80666B  
}
```

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 #80666B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80666B
}
```

Border

The CSS property to change the border of an element to Hex 80666B is called "border". The border property can be set on classes, ids or directly on the HTML element.

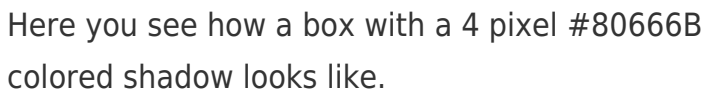
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80666B }
```

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

```
.border{ border-color:#80666B }
```

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



Here you see how a box with a 4 pixel #80666B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80666B; -webkit-box-shadow:4px 4px  
4px 4px #80666B; box-shadow:4px 4px 4px  
4px #80666B }
```

Background

The CSS property to change the background color of an element to Hex 80666B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80666B }
```

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

```
.background{ background-color:#80666B }
```

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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