

Converting Colors

Hex(81626A)

Have a look what the booklet for
Hex(81626A) contains.

Hex(81626A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81626A)

Conversions

Conversions Part 1

Format	Color
Hex	81626A
RGB	129, 98, 106
RGB Percent	51%, 38%, 42%
CMY	0.4941, 0.6157, 0.5843
CMYK	0.00, 0.24, 0.18, 0.49
HSL	345°, 14%, 45%
HSV	345°, 24%, 51%
XYZ	16.0225, 14.4431, 15.5790
YIQ	108.1810, 15.9080, 9.0600

Conversions

Conversions Part 2

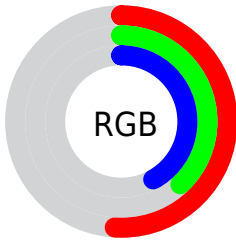
Format	Color
R_{YB}	129, 98, 106
Decimal	8479338
CIE _{Lab}	44.86, 13.87, 0.33
CIE _{LCh}	45, 13.875, 1.355
Yxy	14.4431, 0.3480, 0.3137
Android (android.graphics.Color)	4286669418 (0xFF81626A)
YUV	108.1810, -1.0752, 18.2583
Hunter-Lab	38.0041, 8.7482, 2.2981

Details

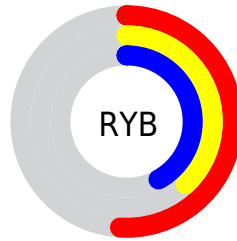
The Hex color **81626A** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **628179**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B6959D**, and **4F333B** is the 20% darker color. If you saturate the color by 10%, you get **815560**, and if you desaturate by 10%, it is **816F74**.

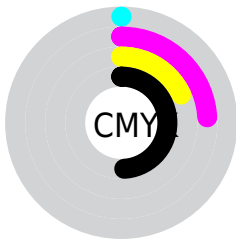
Distribution



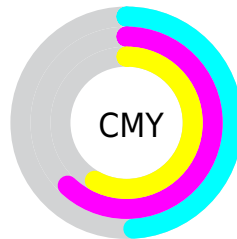
- Red (51%)
- Green (38%)
- Blue (42%)



- Red (51%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (18%)
- Black (49%)



- Cyan (49%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81626A 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 81626A by changing the saturation by 10% instead.



81626A



81626A

FFFFFF



684A52



B6959D



4F333B



D2B0B8



381E25



EFCBD4



230710



FFE7F0



000000



81626A



81626A



815560



816F74



814857



817C7D



813B4D



818987

812E44

819690

81223A

81A39A

811531

81AFA3

810827

81BCAD

810021

81C9B7

81D6C0

Harmonies

Analogous

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



7A6475



81626A



82635F

Triad

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



81626A



666D56



506E7E

Complementary

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



81626A



628179

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.



4B7076



81626A



59705F

Square

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



81626A



736953



4E716A



5E6B81

Rectangle

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



81626A



7F6559



4E716A



4D6F7C

Sweetspot

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



81626A



A89DA0



796281



544D4F



D4D4D4



545454

Same Dimension

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



81626A



A87784



816962



40393B



800021



000000

Inverse Universe

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



81626A



A87784



627A81



40393B



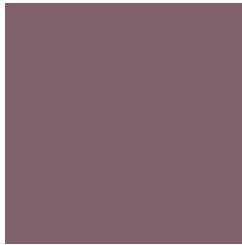
800021



000000

Previews

White Background



This preview shows how the Hex color 81626A looks on a white background.

Color Contrast Check

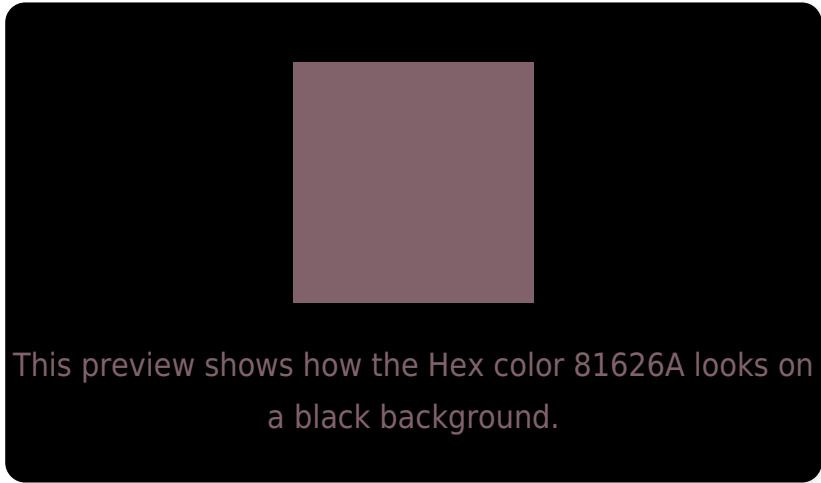
Large Text (above 18pt) WCAG AA ✓ Pass

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

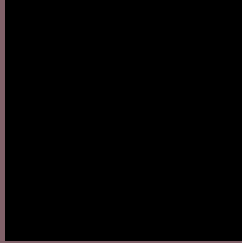
Any Text WCAG AA × Fail

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 81626A Background



This preview shows how black text looks on a background with the Hex color 81626A.



This preview shows how white text looks on a background with the Hex color 81626A.

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
81626A

Protanopia
6B6A6F

Deuteranopia
756769



Tritanopia
81626A

Trichromacy



Original Color
81626A

Protanomaly
73676D

Deuteranomaly
796569

Tritanomaly
81626A

Monochromacy



Original Color
81626A

Achromatopsia
6C6C6C

Achromatomaly
74686B

CSS Examples

Text

The CSS property to change the color of the text to Hex 81626A 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 #81626A looks like.

```
.text, #text, p{  
    color:#81626A  
}
```

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 #81626A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81626A
}
```

Border

The CSS property to change the border of an element to Hex 81626A is called "border". The border property can be set on classes, ids or directly on the HTML element.

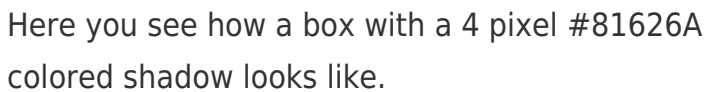
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81626A }
```

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

```
.border{ border-color:#81626A }
```

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



Here you see how a box with a 4 pixel #81626A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81626A; -webkit-box-shadow:4px 4px  
4px 4px #81626A; box-shadow:4px 4px 4px  
4px #81626A }
```

Background

The CSS property to change the background color of an element to Hex 81626A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81626A }
```

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

```
.background{ background-color:#81626A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor