

Converting Colors

Hex(806D94)

Have a look what the booklet for
Hex(806D94) contains.

Hex(806D94)	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(806D94)

Conversions

Conversions Part 1

Format	Color
Hex	806D94
RGB	128, 109, 148
RGB Percent	50%, 43%, 58%
CMY	0.4980, 0.5725, 0.4196
CMYK	0.14, 0.26, 0.00, 0.42
HSL	269°, 15%, 50%
HSV	269°, 26%, 58%
XYZ	19.7160, 17.6646, 30.3874
YIQ	119.1270, -1.1950, 16.1570

Conversions

Conversions Part 2

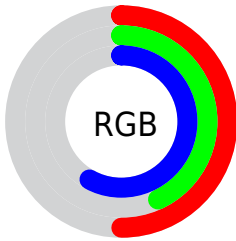
Format	Color
R_{YB}	128, 109, 148
Decimal	8416660
CIE _{Lab}	49.09, 15.43, -18.48
CIE _{LCh}	49, 24.079, 309.867
Yxy	17.6646, 0.2909, 0.2607
Android (android.graphics.Color)	4286606740 (0xFF806D94)
YUV	119.1270, 14.2344, 7.7816
Hunter-Lab	42.0293, 10.1835, -13.4466

Details

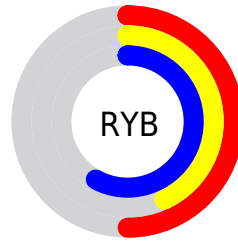
The Hex color **806D94** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **81946D**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **B5A1CA**, and **4E3D61** is the 20% darker color. If you saturate the color by 10%, you get **785E94**, and if you desaturate by 10%, it is **887C94**.

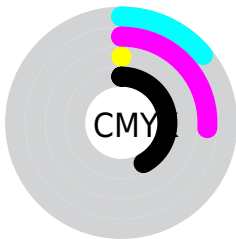
Distribution



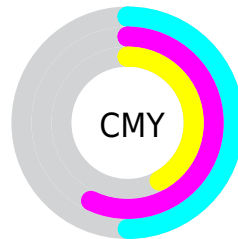
- Red (50%)
- Green (43%)
- Blue (58%)



- Red (50%)
- Yellow (43%)
- Blue (58%)



- Cyan (14%)
- Magenta (26%)
- Yellow (0%)
- Black (42%)



- Cyan (50%)
- Magenta (57%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806D94 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 806D94 by changing the saturation by 10% instead.

806D94

806D94

FFFFFF

67557A

B5A1CA

4E3D61

D1BCE6

372749

EDD7FF

211333

FFF4FF

0A001E

000000

806D94

806D94

785E94

887C94

714F94

8F8B94

694194

979994

623294

9EA894

5A2394

A6B794

521494

AEC694

4B0594

B5D594

480094

BDE394

C4F294

Harmonies

Analogous

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



64749D



806D94



946783

Triad

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



806D94



8F6F4F



38807B

Complementary

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



806D94



81946D

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.



4D7F66



806D94



7C764C

Square

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



806D94



9B685B



667B55



317F8E

Rectangle

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



806D94



9B6576



667B55



3E8074

Sweetspot

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



806D94



B7B0BF



6D8194



5C5761



E0E0E0



616161

Same Dimension

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



806D94



A082BF



936D94



46434A



43008A



05000A

Inverse Universe

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



946D81



BF82A1



6E946D



4A4346



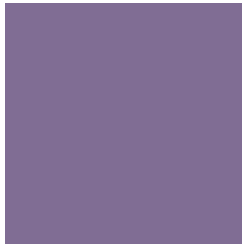
8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 806D94 looks on a white background.

Color Contrast Check

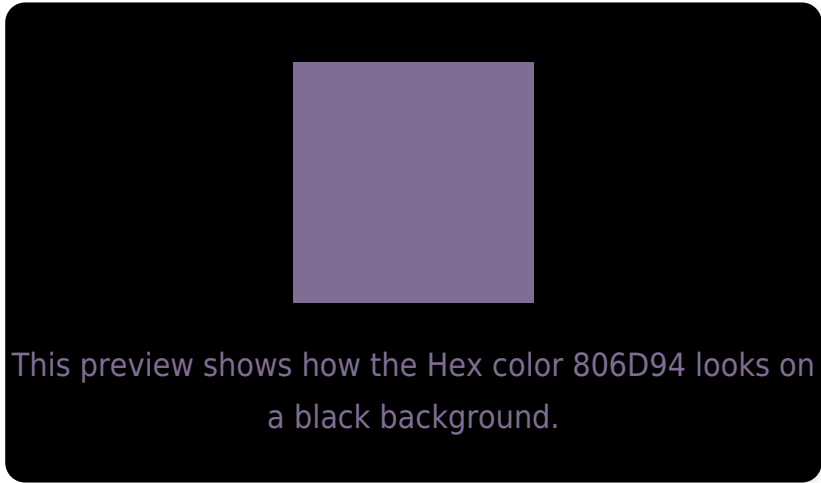
Large Text (above 18pt) WCAG AA ✓ Pass

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

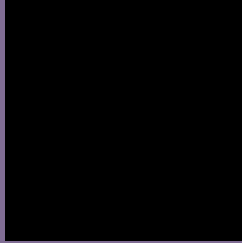
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 806D94 Background



This preview shows how black text looks on a background with the Hex color 806D94.



This preview shows how white text looks on a background with the Hex color 806D94.

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
806D94

Protanopia
6B7399

Deuteranopia
707293



Tritanopia
7C727B

Trichromacy



Original Color

806D94

Protanomaly

737197

Deuteranomaly

767093

Tritanomaly

7D7084

Monochromacy



Original Color

806D94

Achromatopsia

777777

Achromatomaly

7A7382

CSS Examples

Text

The CSS property to change the color of the text to Hex 806D94 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 #806D94 looks like.

```
.text, #text, p{  
    color:#806D94  
}
```

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 #806D94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806D94
}
```

Border

The CSS property to change the border of an element to Hex 806D94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

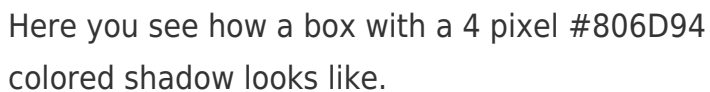
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806D94 }
```

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

```
.border{ border-color:#806D94 }
```

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



Here you see how a box with a 4 pixel #806D94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806D94; -webkit-box-shadow:4px 4px  
4px 4px #806D94; box-shadow:4px 4px 4px  
4px #806D94 }
```

Background

The CSS property to change the background color of an element to Hex 806D94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806D94 }
```

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

```
.background{ background-color:#806D94 }
```

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