

Converting Colors

Hex(806699)

Have a look what the booklet for
Hex(806699) contains.

Hex(806699)	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(806699)

Conversions

Conversions Part 1

Format	Color
Hex	806699
RGB	128, 102, 153
RGB Percent	50%, 40%, 60%
CMY	0.4980, 0.6000, 0.4000
CMYK	0.16, 0.33, 0.00, 0.40
HSL	271°, 20%, 50%
HSV	271°, 33%, 60%
XYZ	19.4032, 16.3918, 32.2783
YIQ	115.5880, -0.8750, 21.3730

Conversions

Conversions Part 2

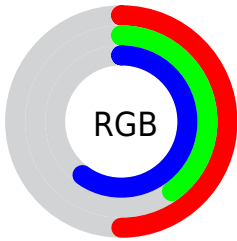
Format	Color
R_{YB}	128, 102, 153
Decimal	8414873
CIE _{Lab}	47.48, 20.77, -23.90
CIE _{LCh}	47, 31.662, 310.988
Yxy	16.3918, 0.2850, 0.2408
Android (android.graphics.Color)	4286604953 (0xFF806699)
YUV	115.5880, 18.4441, 10.8853
Hunter-Lab	40.4868, 14.6937, -18.9284

Details

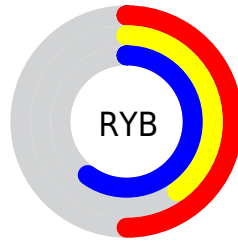
The Hex color **806699** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7F9966**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **B599D0**, and **4E3766** is the 20% darker color. If you saturate the color by 10%, you get **785799**, and if you desaturate by 10%, it is **877599**.

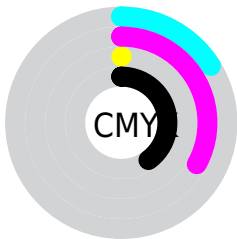
Distribution



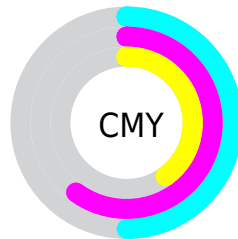
- Red (50%)
- Green (40%)
- Blue (60%)



- Red (50%)
- Yellow (40%)
- Blue (60%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)
- Black (40%)



- Cyan (50%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 806699 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 806699 by changing the saturation by 10% instead.

■ 806699

■ 806699

FFFFFF

■ 664E7F

■ B599D0

■ 4E3766

■ D1B4EC

■ 36214E

■ EED0FF

■ 1F0C36

■ FFECFF

■ 020021

■ 000006

■ 000000

■ 806699

■ 806699

■ 785799

■ 877599

714799

8F8599

693899

969499

622999

9EA399

5A1A99

A6B399

530A99

ADC299

4E0099

B5D199

BCE099

C4F099

Harmonies

Analogous

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



5870A5



806699



995E83

Triad

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



806699



90693E



007F7A

Complementary

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



806699



7F9966

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.



377D5E



806699



78723B

Square

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



806699



A0604F



5B7947



007D93

Rectangle

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



806699



A25B71



5B7947



147F71

Sweetspot

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



806699



BDB3C7



668099



5E5863



E3E3E3



636363

Same Dimension

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



806699



A077C7



996699



49454D



47008C



06000D

Inverse Universe

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



99667F



C7779E



669966



4D4549



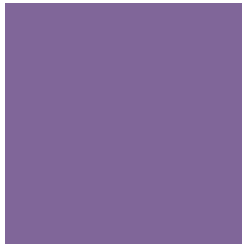
8C0045



0D0006

Previews

White Background



This preview shows how the Hex color 806699 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



This preview shows how the Hex color 806699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

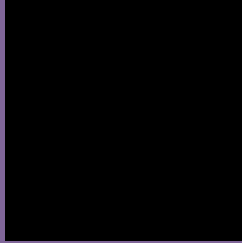
Any Text WCAG AA × Fail

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 806699 Background



This preview shows how black text looks on a background with the Hex color 806699.



This preview shows how white text looks on a background with the Hex color 806699.

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
806699

Protanopia
616FA0

Deuteranopia
666F97



Tritanopia
7A6D76

Trichromacy



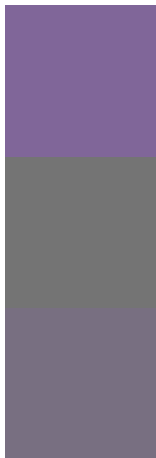
Original Color
806699

Protanomaly
6C6C9D

Deuteranomaly
6F6C98

Tritanomaly
7C6A83

Monochromacy



Original Color
806699

Achromatopsia
747474

Achromatomaly
786F81

CSS Examples

Text

The CSS property to change the color of the text to Hex 806699 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 #806699 looks like.

```
.text, #text, p{  
    color:#806699  
}
```

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 #806699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806699
}
```

Border

The CSS property to change the border of an element to Hex 806699 is called "border". The border property can be set on classes, ids or directly on the HTML element.

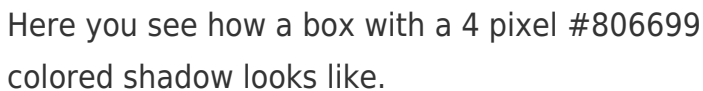
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806699 }
```

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

```
.border{ border-color:#806699 }
```

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



Here you see how a box with a 4 pixel #806699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806699; -webkit-box-shadow:4px 4px  
4px 4px #806699; box-shadow:4px 4px 4px  
4px #806699 }
```

Background

The CSS property to change the background color of an element to Hex 806699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806699 }
```

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

```
.background{ background-color:#806699 }
```

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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