

Converting Colors

Hex(866791)

Have a look what the booklet for
Hex(866791) contains.

Hex(866791)	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(866791)

Conversions

Conversions Part 1

Format	Color
Hex	866791
RGB	134, 103, 145
RGB Percent	53%, 40%, 57%
CMY	0.4745, 0.5961, 0.4314
CMYK	0.08, 0.29, 0.00, 0.43
HSL	284°, 17%, 49%
HSV	284°, 29%, 57%
XYZ	19.7926, 16.8132, 28.9901
YIQ	117.0570, 4.9940, 19.6340

Conversions

Conversions Part 2

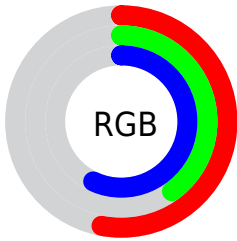
Format	Color
RYB	134, 103, 145
Decimal	8808337
CIELab	48.02, 20.40, -18.28
CIElCh	48, 27.391, 318.137
Yxy	16.8132, 0.3017, 0.2563
Android (android.graphics.Color)	4286998417 (0xFF866791)
YUV	117.0570, 13.7759, 14.8590
Hunter-Lab	41.0039, 14.4054, -13.2159

Details

The Hex color **866791** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **729167**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **BC9AC7**, and **54385E** is the 20% darker color. If you saturate the color by 10%, you get **825991**, and if you desaturate by 10%, it is **8A7691**.

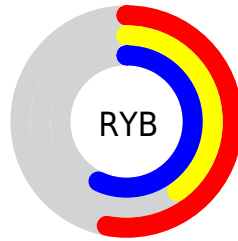
Distribution



Red (53%)

Green (40%)

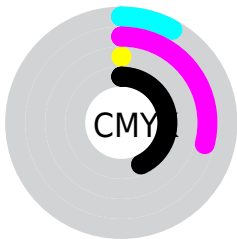
Blue (57%)



Red (53%)

Yellow (40%)

Blue (57%)

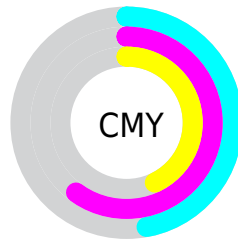


Cyan (8%)

Magenta (29%)

Yellow (0%)

Black (43%)



Cyan (47%)

Magenta (60%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 866791 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 866791 by changing the saturation by 10% instead.

 866791

 866791

FFFFFF

 6C4F77

 BC9AC7

 54385E

 D8B5E3

 3C2147

 F4D1FF

 250C30

 FFEDFF

 0D001B

 000000

 866791

 866791

 825991

 8A7691

 7E4A91

 8E8491

7B3C91

919391

772D91

95A191

731F91

99B091

6F1091

9DBE91

6B0291

A1CD91

6B0091

A4DB91

A8EA91

Harmonies

Analogous

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



676F9E



866791



99617C

Triad

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



866791



896D45



1D7E80

Complementary

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



866791



729167

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.



3C7E68



866791



737545

Square

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



866791



996651



597B52



1C7C94

Rectangle

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



866791



9F606C



597B52



277E78

Sweetspot

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



866791



B8ACBD



677291



5C545E



DEDEDE



5E5E5E

Same Dimension

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



866791



AB7BBD



916787



464047



640087



060008

Inverse Universe

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



916772



BD7B8C



679171



474042



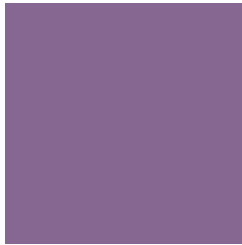
870023



080002

Previews

White Background



This preview shows how the Hex color 866791 looks on a white background.

Color Contrast Check

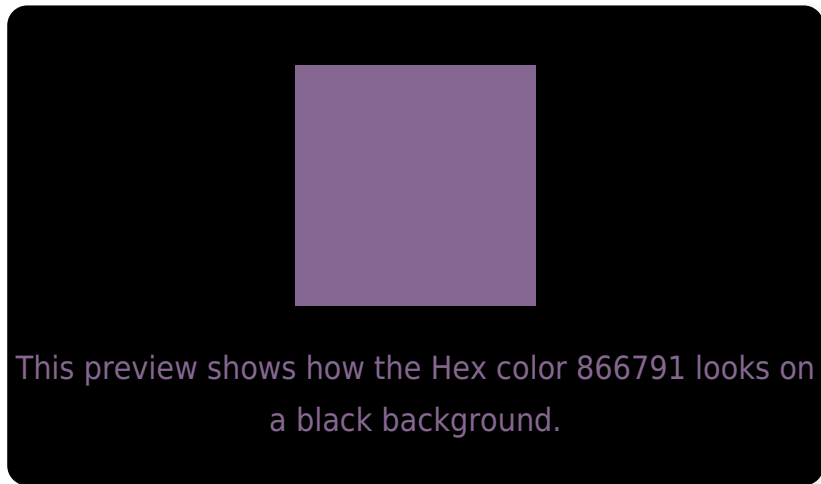
Large Text (above 18pt) WCAG AA ✓ Pass

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

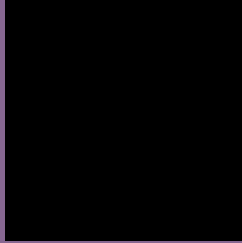
Any Text WCAG AA × Fail

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 866791 Background



This preview shows how black text looks on a background with the Hex color 866791.



This preview shows how white text looks on a background with the Hex color 866791.

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
866791

Protanopia
677198

Deuteranopia
6E708F



Tritanopia
826C75

Trichromacy



Original Color
866791

Protanomaly
726D95

Deuteranomaly
776D90

Tritanomaly
836A7F

Monochromacy



Original Color
866791

Achromatopsia
757575

Achromatomaly
7B707F

CSS Examples

Text

The CSS property to change the color of the text to Hex 866791 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 #866791 looks like.

```
.text, #text, p{  
    color:#866791  
}
```

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 #866791 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #866791
}
```

Border

The CSS property to change the border of an element to Hex 866791 is called "border". The border property can be set on classes, ids or directly on the HTML element.

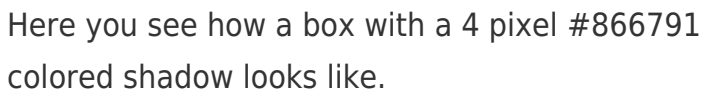
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#866791 }
```

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

```
.border{ border-color:#866791 }
```

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



Here you see how a box with a 4 pixel #866791 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #866791; -webkit-box-shadow:4px 4px  
4px 4px #866791; box-shadow:4px 4px 4px  
4px #866791 }
```

Background

The CSS property to change the background color of an element to Hex 866791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#866791 }
```

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

```
.background{ background-color:#866791 }
```

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