

# Converting Colors

Hex(806190)

Have a look what the booklet for  
Hex(806190) contains.

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**Color**

**Hex(806190)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806190
RGB	128, 97, 144
RGB Percent	50%, 38%, 56%
CMY	0.4980, 0.6196, 0.4353
CMYK	0.11, 0.33, 0.00, 0.44
HSL	280°, 20%, 47%
HSV	280°, 33%, 56%
XYZ	18.2108, 15.1522, 28.3504
YIQ	111.6270, 3.3890, 21.1890

# Conversions

## Conversions Part 2

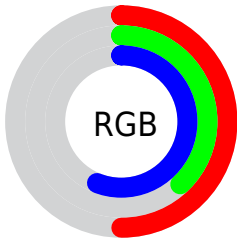
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 97, 144
Decimal	8413584
CIE <sub>Lab</sub>	45.84, 21.69, -21.09
CIE <sub>LCh</sub>	46, 30.250, 315.805
Yxy	15.1522, 0.2951, 0.2455
Android (android.graphics.Color)	4286603664 (0xFF806190)
YUV	111.6270, 15.9599, 14.3591
Hunter-Lab	38.9258, 15.3882, -15.9339

# Details

The Hex color **806190** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **719061**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **B594C6**, and **4E325D** is the 20% darker color. If you saturate the color by 10%, you get **7B5390**, and if you desaturate by 10%, it is **856F90**.

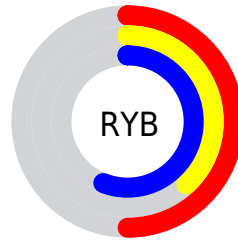
# Distribution



Red (50%)

Green (38%)

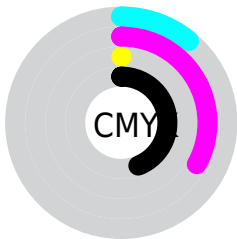
Blue (56%)



Red (50%)

Yellow (38%)

Blue (56%)

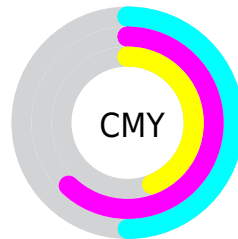


Cyan (11%)

Magenta (33%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (62%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806190 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 806190 by changing the saturation by 10% instead.



806190

806190

FFFFFF

674976

B594C6

4E325D

D1AFE2

361C46

EECAFF

20062F

FFE6FF

00001A

000000

806190

806190

7B5390

856F90

764490

8A7E90

713690

8F8C90

6C2790

949B90

671990

99A990

630B90

9DB790

5F0090

A2C690

A7D490

ACE390

# Harmonies

## Analogous

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



5D6A9D



806190



965A7A

# Triad

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



806190



87673B



007A79

# Complementary

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



806190



719061

# 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.



30795F



806190



6F6F3B

# Square

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



806190



985E49



537648



007890

# Rectangle

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



806190



9D5869



537648



0B7A71



# Sweetspot

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



806190



B4A8BA



617190



5A535E



DEDEDE



5E5E5E



# Same Dimension

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



806190



A172BA



906189



454047



590087



050008



# Inverse Universe

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



906171



BA728A



619068



474043



87002E

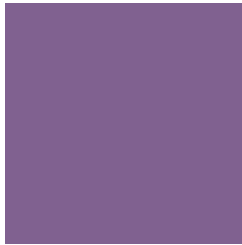


080003



# Previews

## White Background



This preview shows how the Hex color 806190 looks on a white background.

## Color Contrast Check

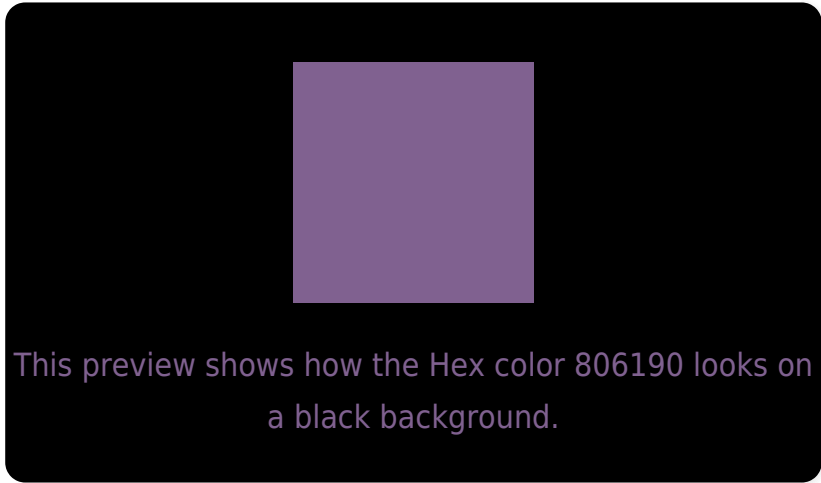
Large Text (above 18pt) WCAG AA ✓ Pass

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

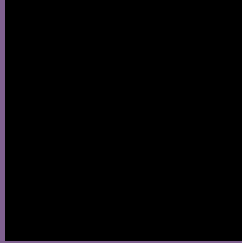
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806190 Background



This preview shows how black text looks on a background with the Hex color 806190.



This preview shows how white text looks on a background with the Hex color 806190.

# 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**  
806190

**Protanopia**  
5F6B98

**Deuteranopia**  
656B8E



**Tritanopia**  
7B6770

# Trichromacy



**Original Color**  
806190

**Protanomaly**  
6B6795

**Deuteranomaly**  
6F678F

**Tritanomaly**  
7D657C

# Monochromacy



**Original Color**  
806190

**Achromatopsia**  
707070

**Achromatomaly**  
766B7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806190 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 #806190 looks like.

```
.text, #text, p{  
    color:#806190  
}
```

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 #806190 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806190
}
```

## Border

The CSS property to change the border of an element to Hex 806190 is called "border". The border property can be set on classes, ids or directly on the HTML element.

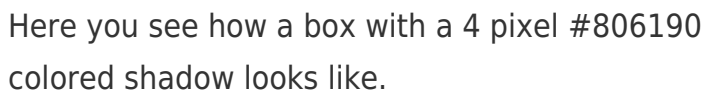
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806190 }
```

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

```
.border{ border-color:#806190 }
```

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



Here you see how a box with a 4 pixel #806190 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806190; -webkit-box-shadow:4px 4px  
4px 4px #806190; box-shadow:4px 4px 4px  
4px #806190 }
```

# Background

The CSS property to change the background color of an element to Hex 806190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806190 }
```

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

```
.background{ background-color:#806190 }
```

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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