

# Converting Colors

Hex(806296)

Have a look what the booklet for  
Hex(806296) contains.

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# Color

**Hex(806296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806296
RGB	128, 98, 150
RGB Percent	50%, 38%, 59%
CMY	0.4980, 0.6157, 0.4118
CMYK	0.15, 0.35, 0.00, 0.41
HSL	275°, 21%, 49%
HSV	275°, 35%, 59%
XYZ	18.7748, 15.5266, 30.8615
YIQ	112.8980, 1.1880, 22.5320

# Conversions

## Conversions Part 2

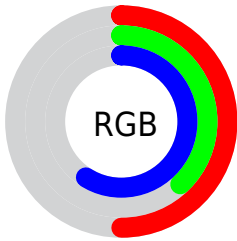
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 98, 150
Decimal	8413846
CIE <sub>Lab</sub>	46.35, 22.46, -23.88
CIE <sub>LCh</sub>	46, 32.781, 313.239
Yxy	15.5266, 0.2881, 0.2383
Android (android.graphics.Color)	4286603926 (0xFF806296)
YUV	112.8980, 18.2913, 13.2445
Hunter-Lab	39.4038, 16.0937, -18.8541

# Details

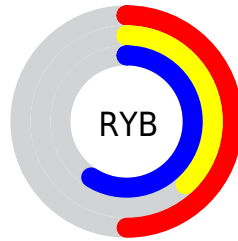
The Hex color **806296** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **789662**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B695CC**, and **4E3363** is the 20% darker color. If you saturate the color by 10%, you get **7A5396**, and if you desaturate by 10%, it is **867196**.

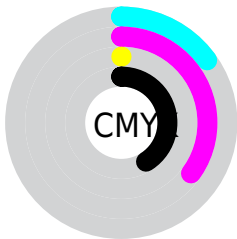
# Distribution



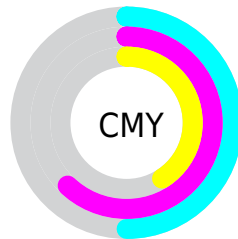
- Red (50%)
- Green (38%)
- Blue (59%)



- Red (50%)
- Yellow (38%)
- Blue (59%)



- Cyan (15%)
- Magenta (35%)
- Yellow (0%)
- Black (41%)



- Cyan (50%)
- Magenta (62%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806296 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 806296 by changing the saturation by 10% instead.



806296

806296

FFFFFF

664A7C

B695CC

4E3363

D1B0E9

361D4B

EECBFF

1F0734

FFE8FF

00001F

000001

000000

806296

806296

7A5396

867196

 734496

 8D8096

 6D3596

 938F96

 672696

 999E96

 601796

 A0AD96

 5A0896

 A6BC96

 570096

 ACCB96

 B3DA96

 B9E996

# Harmonies

## Analogous

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



586CA3



806296



995A7E

# Triad

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



806296



8C6739



007C79

# Complementary

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



806296



789662

# 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.



2E7B5D



806296



737037

# Square

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



806296



9D5D49



547745



007A93

# Rectangle

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



806296



A1576C



547745



007C70



# Sweetspot

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



806296



BAAEC2



627996



5C5561



E0E0E0



616161



# Same Dimension

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



806296



9F70C2



966293



47434A



4F008A



06000A



# Inverse Universe

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



966278



C27093



629665



4A4346



8A003A

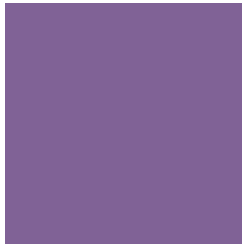


0A0004



# Previews

## White Background



This preview shows how the Hex color 806296 looks on a white background.

## Color Contrast Check

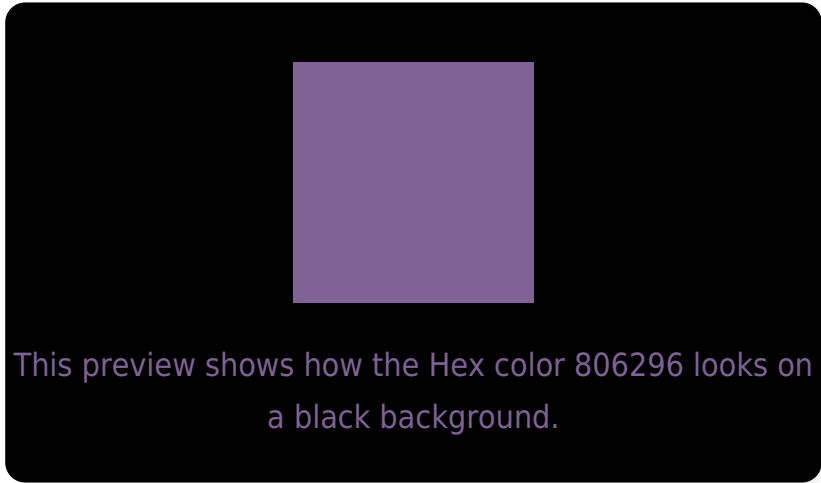
Large Text (above 18pt) WCAG AA ✓ Pass

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

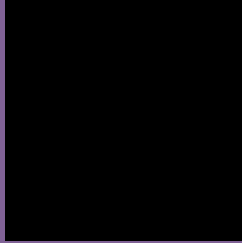
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 806296 Background



This preview shows how black text looks on a background with the Hex color 806296.




This preview shows how white text looks on a background with the Hex color 806296.

# 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





**Tritanopia**  
7A6972

# Trichromacy



**Original Color**  
806296

**Protanomaly**  
6A689B

**Deuteranomaly**  
6E6895

**Tritanomaly**  
7C667F

# Monochromacy



**Original Color**  
806296

**Achromatopsia**  
717171

**Achromatomaly**  
766C7E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806296 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 #806296 looks like.

```
.text, #text, p{  
    color:#806296  
}
```

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 #806296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806296
}
```

## Border

The CSS property to change the border of an element to Hex 806296 is called "border". The border property can be set on classes, ids or directly on the HTML element.

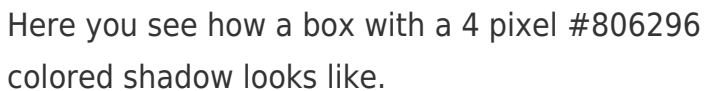
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#806296 }
```

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

```
.border{ border-color:#806296 }
```

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



Here you see how a box with a 4 pixel #806296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806296; -webkit-box-shadow:4px 4px  
4px 4px #806296; box-shadow:4px 4px 4px  
4px #806296 }
```

# Background

The CSS property to change the background color of an element to Hex 806296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806296 }
```

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

```
.background{ background-color:#806296 }
```

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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