

# Converting Colors

Hex(81286B)

Have a look what the booklet for  
Hex(81286B) contains.

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**Color**

**Hex(81286B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81286B
RGB	129, 40, 107
RGB Percent	51%, 16%, 42%
CMY	0.4941, 0.8431, 0.5804
CMYK	0.00, 0.69, 0.17, 0.49
HSL	315°, 53%, 33%
HSV	315°, 69%, 51%
XYZ	12.4659, 7.2462, 14.6516
YIQ	74.2490, 31.5370, 39.7050

# Conversions

## Conversions Part 2

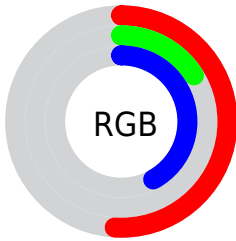
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	129, 40, 107
Decimal	8464491
CIE <sub>Lab</sub>	32.36, 45.59, -19.11
CIE <sub>LCh</sub>	32, 49.427, 337.260
Yxy	7.2462, 0.3628, 0.2109
Android (android.graphics.Color)	4286654571 (0xFF81286B)
YUV	74.2490, 16.1462, 48.0166
Hunter-Lab	26.9189, 35.5538, -13.4275

# Details

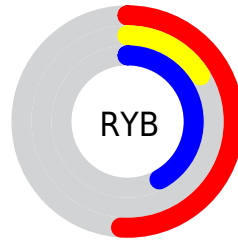
The Hex color **81286B** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **28813E**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B85D9F**, and **4C003B** is the 20% darker color. If you saturate the color by 10%, you get **811B68**, and if you desaturate by 10%, it is **81356E**.

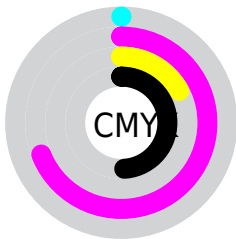
# Distribution



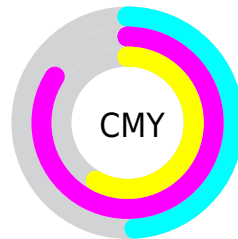
- Red (51%)
- Green (16%)
- Blue (42%)



- Red (51%)
- Yellow (16%)
- Blue (42%)



- Cyan (0%)
- Magenta (69%)
- Yellow (17%)
- Black (49%)




- Cyan (49%)
- Magenta (84%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81286B 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 81286B by changing the saturation by 10% instead.



 81286B

 81286B

FFFFFF

 660753

 B85D9F

 4C003B

 D577BA

 340026

 F292D5


 16000E


 FFADF2


 000000

 FFC9FF

 FFE6FF

 81286B

 81286B

 811B68

 81356E

 810E65

 814271

 810161

 814F75


 810061

 815C78

 81697B

 81757E

 818281

 818F85

 819C88

# Harmonies

## Analogous

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



583D8B



81286B



901E44

# Triad

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



81286B



554E00



005D7B

# Complementary

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



81286B



28813E

# 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.



005D55



81286B



2A5700

# Square

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



81286B



743F00



005B2C



005894

# Rectangle

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



81286B



8E252B



005B2C



005D6F



# Sweetspot

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



81286B



A885A0



3D2881



543F4F



D4D4D4



545454



# Same Dimension

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



81286B



A81D86



812840



40393E



800060



000000



# Inverse Universe

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



81286B



A81D86



288169



40393E



800060



000000



# Previews

## White Background



This preview shows how the Hex color 81286B looks on a white background.

## Color Contrast Check

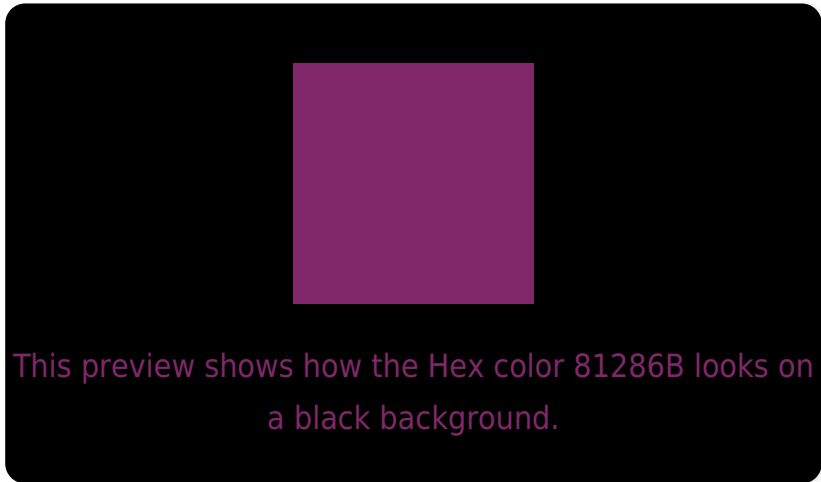
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

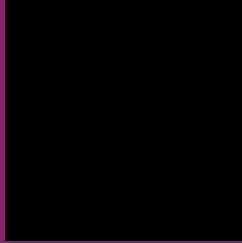
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 81286B Background



This preview shows how black text looks on a background with the Hex color 81286B.




This preview shows how white text looks on a background with the Hex color 81286B.

# 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**  
7C363A

# Trichromacy



**Original Color**  
81286B

**Protanomaly**  
4E3E7D

**Deuteranomaly**  
5C3F68

**Tritanomaly**  
7E314C

# Monochromacy



**Original Color**  
81286B

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
5E3E56

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81286B 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 #81286B looks like.

```
.text, #text, p{  
    color:#81286B  
}
```

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 #81286B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81286B
}
```

## Border

The CSS property to change the border of an element to Hex 81286B is called "border". The border property can be set on classes, ids or directly on the HTML element.

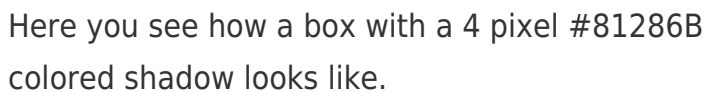
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#81286B }
```

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

```
.border{ border-color:#81286B }
```

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



Here you see how a box with a 4 pixel #81286B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81286B; -webkit-box-shadow:4px 4px  
4px 4px #81286B; box-shadow:4px 4px 4px  
4px #81286B }
```

# Background

The CSS property to change the background color of an element to Hex 81286B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81286B }
```

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

```
.background{ background-color:#81286B }
```

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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