

Converting Colors

Hex(80307D)

Have a look what the booklet for
Hex(80307D) contains.

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Color

Hex(80307D)

Conversions

Conversions Part 1

Format	Color
Hex	80307D
RGB	128, 48, 125
RGB Percent	50%, 19%, 49%
CMY	0.4980, 0.8118, 0.5098
CMYK	0.00, 0.62, 0.02, 0.50
HSL	302°, 45%, 35%
HSV	302°, 62%, 50%
XYZ	13.6607, 8.1838, 20.2617
YIQ	80.6980, 22.9630, 40.9070

Conversions

Conversions Part 2

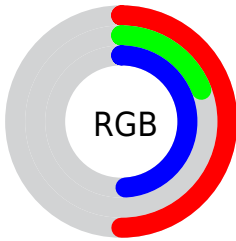
Format	Color
R_{YB}	128, 48, 125
Decimal	8401021
CIE _{Lab}	34.36, 44.83, -27.35
CIE _{LCh}	34, 52.512, 328.611
Yxy	8.1838, 0.3244, 0.1944
Android (android.graphics.Color)	4286591101 (0xFF80307D)
YUV	80.6980, 21.8409, 41.4839
Hunter-Lab	28.6073, 35.1756, -21.9682

Details

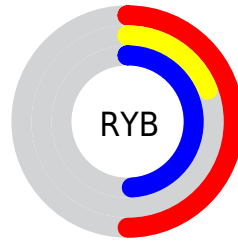
The Hex color **80307D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **308033**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **B764B2**, and **4C004C** is the 20% darker color. If you saturate the color by 10%, you get **80237D**, and if you desaturate by 10%, it is **803D7D**.

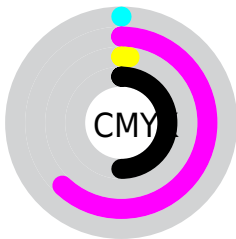
Distribution



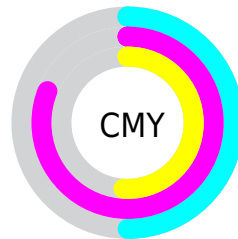
- Red (50%)
- Green (19%)
- Blue (49%)



- Red (50%)
- Yellow (19%)
- Blue (49%)



- Cyan (0%)
- Magenta (62%)
- Yellow (2%)
- Black (50%)



- Cyan (50%)
- Magenta (81%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80307D 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 80307D by changing the saturation by 10% instead.

 80307D

 80307D

FFFFFF

 661464

 B764B2

 4C004C

 D37ECE

 330035

 F099EA

 19001F

 FFB4FF

 000001

 FFD1FF

 000000

 FFEDFF

 80307D

 80307D

 80237D

 803D7D

 80167C

 804A7E

 800A7C

 80567E

 80007B

 80637F

 80707F

 807D80

 808A80

 809681

 80A381

Harmonies

Analogous

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



48469B



80307D



971E55

Triad

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



80307D



644E00



006378

Complementary

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



80307D



308033

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.



00634E



80307D



3B5A00

Square

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



80307D



843D01



006022



006098

Rectangle

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



80307D



992139



006022



00636A

Sweetspot

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



80307D



A686A5



333080



544153



D4D4D4



545454

Same Dimension

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



80307D



A629A1



803055



403940



80007B



000000

Inverse Universe

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



80307D



A629A1



30805B



403940



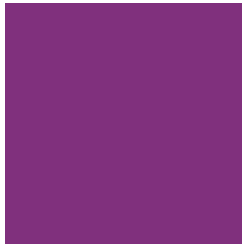
80007B



000000

Previews

White Background



This preview shows how the Hex color 80307D looks on a white background.

Color Contrast Check

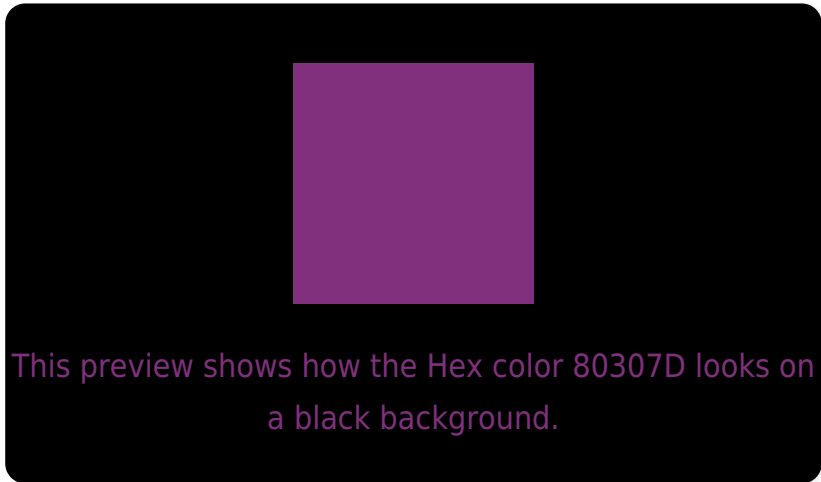
Large Text (above 18pt) WCAG AA ✓ Pass

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

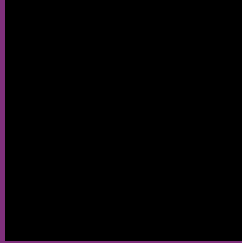
Any Text WCAG AA × Fail

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 80307D Background



This preview shows how black text looks on a background with the Hex color 80307D.

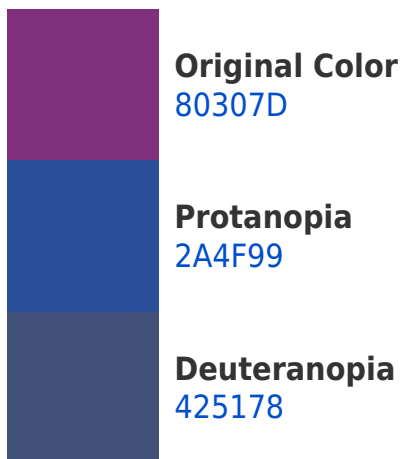



This preview shows how white text looks on a background with the Hex color 80307D.

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](#).

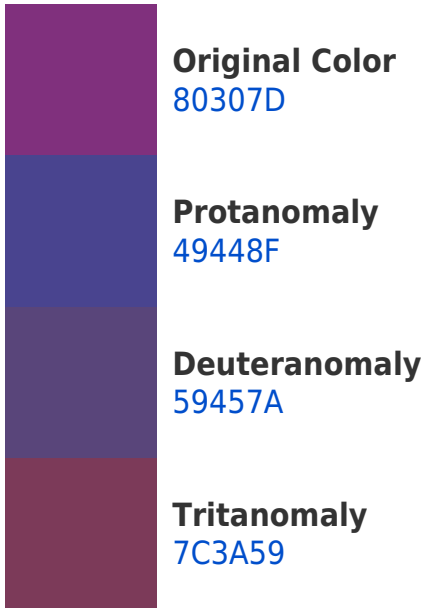
Dichromacy



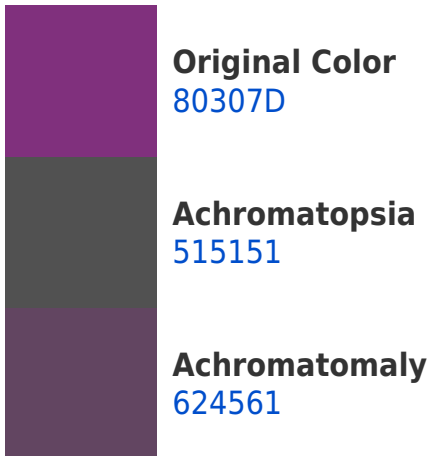


Tritanopia
7A4045

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80307D 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 #80307D looks like.

```
.text, #text, p{  
    color:#80307D  
}
```

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 #80307D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80307D
}
```

Border

The CSS property to change the border of an element to Hex 80307D is called "border". The border property can be set on classes, ids or directly on the HTML element.

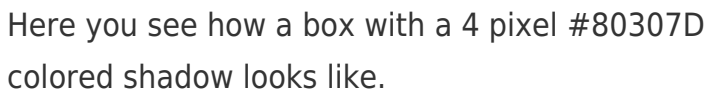
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80307D }
```

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

```
.border{ border-color:#80307D }
```

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



Here you see how a box with a 4 pixel #80307D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80307D; -webkit-box-shadow:4px 4px  
4px 4px #80307D; box-shadow:4px 4px 4px  
4px #80307D }
```

Background

The CSS property to change the background color of an element to Hex 80307D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80307D }
```

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

```
.background{ background-color:#80307D }
```

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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