

# Converting Colors

Hex(7D357B)

Have a look what the booklet for  
Hex(7D357B) contains.

<b>Hex(7D357B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(7D357B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D357B
RGB	125, 53, 123
RGB Percent	49%, 21%, 48%
CMY	0.5098, 0.7922, 0.5176
CMYK	0.00, 0.58, 0.02, 0.51
HSL	302°, 40%, 35%
HSV	302°, 58%, 49%
XYZ	13.3057, 8.3362, 19.6467
YIQ	82.5080, 20.4420, 37.0340

# Conversions

## Conversions Part 2

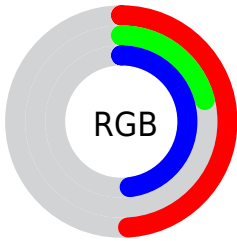
Format	Color
<a href="#">RYB</a>	<a href="#">125, 53, 123</a>
Decimal	<a href="#">8205691</a>
CIELab	<a href="#">34.67, 41.20, -25.65</a>
CIELCh	<a href="#">35, 48.530, 328.096</a>
Yxy	<a href="#">8.3362, 0.3223, 0.2019</a>
Android (android.graphics.Color)	<a href="#">4286395771</a> ( <a href="#">0xFF7D357B</a> )
YUV	<a href="#">82.5080, 19.9626, 37.2655</a>
Hunter-Lab	<a href="#">28.8725, 31.7335, -20.1338</a>

# Details

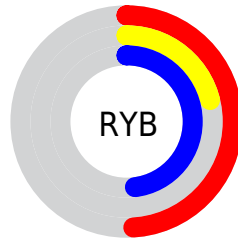
The Hex color **7D357B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **357D37**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B468B0**, and **49004A** is the 20% darker color. If you saturate the color by 10%, you get **7D287B**, and if you desaturate by 10%, it is **7D417B**.

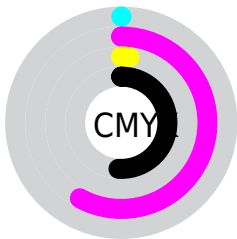
# Distribution



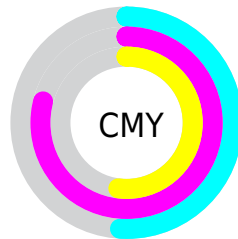
- Red (49%)
- Green (21%)
- Blue (48%)



- Red (49%)
- Yellow (21%)
- Blue (48%)



- Cyan (0%)
- Magenta (58%)
- Yellow (2%)
- Black (51%)



- Cyan (51%)
- Magenta (79%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D357B 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 7D357B by changing the saturation by 10% instead.



 7D357B

 7D357B

FFFFFF

 631B62

 B468B0

 49004A

 D082CB

 310033

 ED9DE8

 17001D

 FFB8FF

 000000

 FFD4FF

 FFF1FF

 7D357B

 7D357B

 7D287B

 7D417B

 7D1C7A

 7D4E7C

 7D0F7A

 7D5A7C

 7D037A

 7D677C

 7D007A

 7D737D

 7D807D

 7D8C7D

 7D997E

 7DA57E

# Harmonies

## Analogous

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



4A4896



7D357B



932756

# Triad

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



7D357B



654F00



006375

# Complementary

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



7D357B



357D37

# 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



7D357B



3F5A00

# Square

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



7D357B



823F0B



006026



005F93

# Rectangle

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



7D357B



95293C



006026



006368



# Sweetspot

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



7D357B



A387A2



36357D



524151



D1D1D1



525252



# Same Dimension

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



7D357B



A333A0



7D3558



403940



80007C



000000



# Inverse Universe

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



7D357B



A333A0



357D5A



403940



80007C

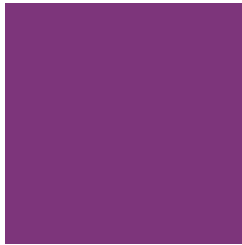


000000



# Previews

## White Background



This preview shows how the Hex color 7D357B looks on a white background.

## Color Contrast Check

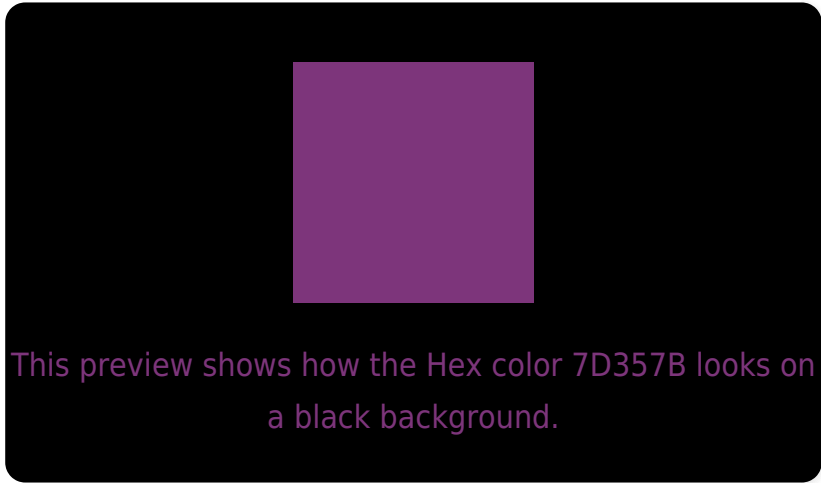
Large Text (above 18pt) WCAG AA ✓ Pass

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

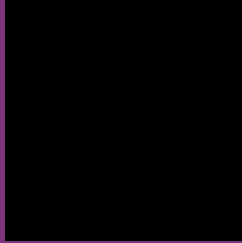
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D357B Background



This preview shows how black text looks on a background with the Hex color 7D357B.

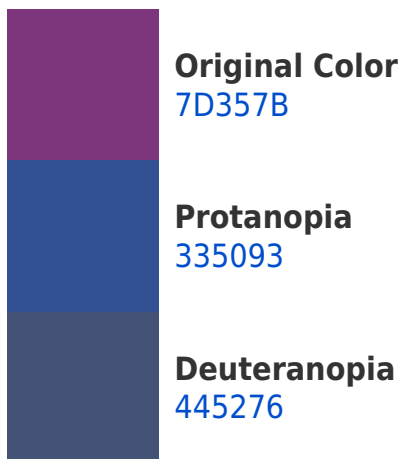



This preview shows how white text looks on a background with the Hex color 7D357B.

# 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**  
774348

# Trichromacy



**Original Color**  
7D357B

**Protanomaly**  
4E468A

**Deuteranomaly**  
594778

**Tritanomaly**  
793E5B

# Monochromacy



**Original Color**  
7D357B

**Achromatopsia**  
535353

**Achromatomaly**  
624862

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D357B 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 #7D357B looks like.

```
.text, #text, p{  
    color:#7D357B  
}
```

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 #7D357B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D357B
}
```

## Border

The CSS property to change the border of an element to Hex 7D357B is called "border". The border property can be set on classes, ids or directly on the HTML element.

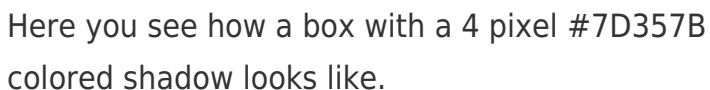
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7D357B }
```

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

```
.border{ border-color:#7D357B }
```

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



Here you see how a box with a 4 pixel #7D357B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D357B; -webkit-box-shadow:4px 4px  
4px 4px #7D357B; box-shadow:4px 4px 4px  
4px #7D357B }
```

# Background

The CSS property to change the background color of an element to Hex 7D357B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D357B }
```

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

```
.background{ background-color:#7D357B }
```

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