

# Converting Colors

Hex(7D3AE3)

Have a look what the booklet for  
Hex(7D3AE3) contains.

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**Color**

**Hex(7D3AE3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D3AE3
RGB	125, 58, 227
RGB Percent	49%, 23%, 89%
CMY	0.5098, 0.7725, 0.1098
CMYK	0.45, 0.74, 0.00, 0.11
HSL	264°, 75%, 56%
HSV	264°, 74%, 89%
XYZ	23.8356, 12.9321, 73.9129
YIQ	97.2990, -14.3170, 66.7630

# Conversions

## Conversions Part 2

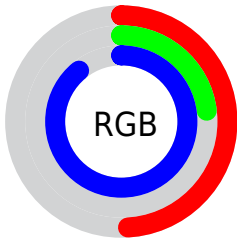
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	125, 58, 227
Decimal	8207075
CIE Lab	42.66, 62.46, -74.63
CIE LCh	43, 97.319, 309.925
Yxy	12.9321, 0.2154, 0.1168
Android (android.graphics.Color)	4286397155 (0xFF7D3AE3)
YUV	97.2990, 63.9426, 24.2938
Hunter-Lab	35.9613, 55.3800, -96.6886

# Details

The Hex color **7D3AE3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **A0E33A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **B970FF**, and **3E00AA** is the 20% darker color. If you saturate the color by 10%, you get **6F23E3**, and if you desaturate by 10%, it is **8B51E3**.

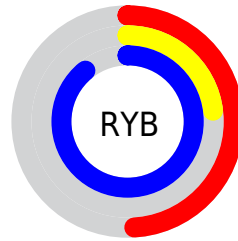
# Distribution



Red (49%)

Green (23%)

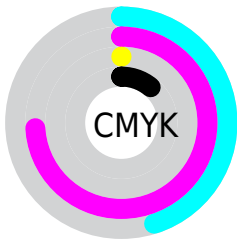
Blue (89%)



Red (49%)

Yellow (23%)

Blue (89%)

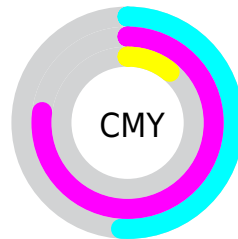


Cyan (45%)

Magenta (74%)

Yellow (0%)

Black (11%)



Cyan (51%)

Magenta (77%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D3AE3 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 7D3AE3 by changing the saturation by 10% instead.



 7D3AE3

 7D3AE3

FFFFFF

 5E1DC6

 B970FF

 3E00AA

 D78BFF

 12008F

 F6A6FF

 000074

 FFC2FF


 00005B

 FFDFFF

 000742

 FFFCFF

 00032B

 000115

 000000

 7D3AE3

 7D3AE3

 6F23E3

 8B51E3

 620DE3

 9867E3

 5A00E3

 A67EE3

 B495E3

 C2ABE3

 CFC2E3

 DDD9E3

 EBF0E3

 F8FFE3

# Harmonies

## Analogous

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



0069FF



7D3AE3



D2009E

# Triad

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



7D3AE3



A64B00



00827F

# Complementary

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



7D3AE3



A0E33A

# 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.



007F27



7D3AE3



636B00

# Square

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



7D3AE3



D50000



007900



0083CC

# Rectangle

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



7D3AE3



E60069



007900



008163



# Sweetspot

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



7D3AE3



DDC7FF



3AA2E3



6B5E80



000000



808080



# Same Dimension

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



7D3AE3



761CFF



CF3AE3



6C6773



4700B3



140033



# Inverse Universe

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



E33AA0



FF1CA5



4EE33A



73676E



B3006C

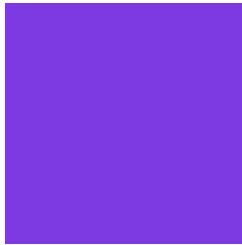


33001F



# Previews

## White Background



This preview shows how the Hex color 7D3AE3 looks on a white background.

## Color Contrast Check

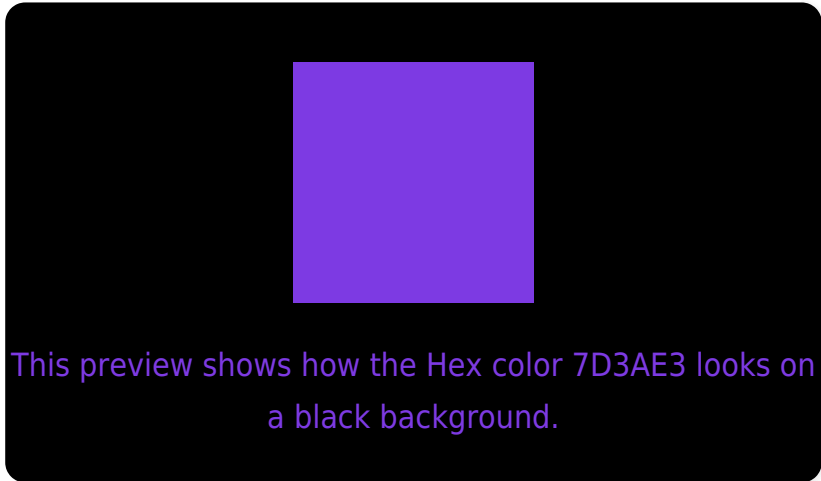
Large Text (above 18pt) WCAG AA ✓ Pass

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

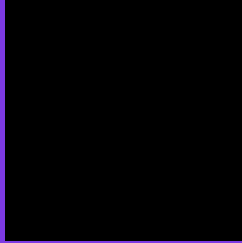
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D3AE3 Background



This preview shows how black text looks on a background with the Hex color 7D3AE3.

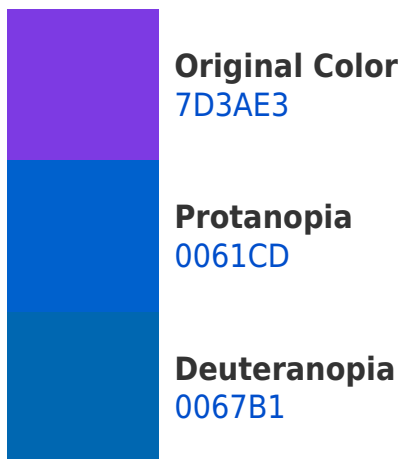



This preview shows how white text looks on a background with the Hex color 7D3AE3.

# 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**  
60656D

# Trichromacy



**Original Color**  
7D3AE3



**Protanomaly**  
2D53D5



**Deuteranomaly**  
2D57C3



**Tritanomaly**  
6B5598

# Monochromacy



**Original Color**  
7D3AE3



**Achromatopsia**  
616161



**Achromatomaly**  
6B5390

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D3AE3 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 #7D3AE3 looks like.

```
.text, #text, p{  
    color:#7D3AE3  
}
```

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 #7D3AE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D3AE3
}
```

## Border

The CSS property to change the border of an element to Hex 7D3AE3 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
#7D3AE3 }
```

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

```
.border{ border-color:#7D3AE3 }
```

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

Here you see how a box with a 4 pixel #7D3AE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D3AE3; -webkit-box-shadow:4px 4px  
4px 4px #7D3AE3; box-shadow:4px 4px 4px  
4px #7D3AE3 }
```

# Background

The CSS property to change the background color of an element to Hex 7D3AE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D3AE3 }
```

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

```
.background{ background-color:#7D3AE3 }
```

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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