

# Converting Colors

Hex(7E44B3)

Have a look what the booklet for  
Hex(7E44B3) contains.

<b>Hex(7E44B3)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7E44B3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E44B3
RGB	126, 68, 179
RGB Percent	49%, 27%, 70%
CMY	0.5059, 0.7333, 0.2980
CMYK	0.30, 0.62, 0.00, 0.30
HSL	271°, 45%, 48%
HSV	271°, 62%, 70%
XYZ	18.8080, 11.8245, 43.9389
YIQ	97.9960, -1.0630, 46.8170

# Conversions

## Conversions Part 2

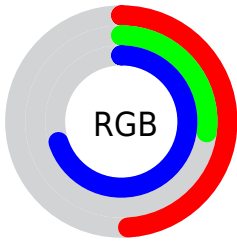
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 68, 179
Decimal	8275123
CIE <sub>Lab</sub>	40.94, 45.95, -49.63
CIE <sub>LCh</sub>	41, 67.637, 312.797
Yxy	11.8245, 0.2522, 0.1586
Android (android.graphics.Color)	4286465203 (0xFF7E44B3)
YUV	97.9960, 39.9350, 24.5595
Hunter-Lab	34.3868, 37.4542, -51.6890

# Details

The Hex color **7E44B3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **79B344**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B677EB**, and **48107D** is the 20% darker color. If you saturate the color by 10%, you get **7532B3**, and if you desaturate by 10%, it is **8756B3**.

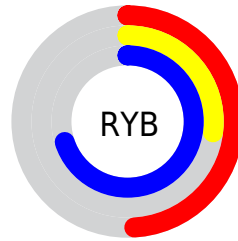
# Distribution



Red (49%)

Green (27%)

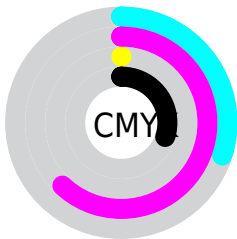
Blue (70%)



Red (49%)

Yellow (27%)

Blue (70%)

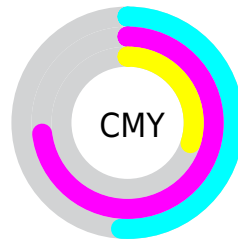


Cyan (30%)

Magenta (62%)

Yellow (0%)

Black (30%)



Cyan (51%)

Magenta (73%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E44B3 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 7E44B3 by changing the saturation by 10% instead.



7E44B3

7E44B3

FFFFFF

632B98

B677EB

48107D

D392FF

2C0064

F0ADFF

13004B

FFC9FF

000033

FFE5FF

00021D

000000

7E44B3

7E44B3

7532B3

8756B3

6D20B3

8F68B3

640EB3

987AB3

5E00B3

A08CB3

A99EB3

B1AFB3

BAC1B3

C2D3B3

CBE5B3

# Harmonies

## Analogous

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



0060CE



7E44B3



B11C83

# Triad

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



7E44B3



905200



007878

# Complementary

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



7E44B3



79B344

# 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.



00763D



7E44B3



606600

# Square

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



7E44B3



B13314



127100



0077AB

# Rectangle

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



7E44B3



BE035E



127100



007864



# Sweetspot

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



7E44B3



D3BCE8



447AB3



685A75



F5F5F5



757575



# Same Dimension

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



7E44B3



963CE8



B344B1



555059



500099



0D001A



# Inverse Universe

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



B34479



E83C8E



44B346



595055



990049

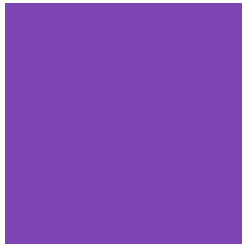


1A000C



# Previews

## White Background



This preview shows how the Hex color 7E44B3 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

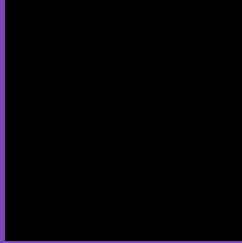
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E44B3 Background



This preview shows how black text looks on a background with the Hex color 7E44B3.

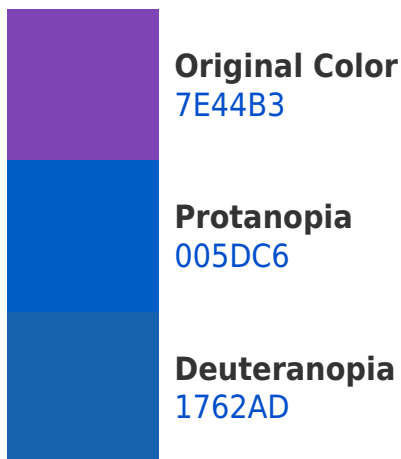


This preview shows how white text looks on a background with the Hex color 7E44B3.

# 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**  
6F5B62

# Trichromacy



**Original Color**

7E44B3



**Protanomaly**

2E54BF



**Deuteranomaly**

3C57AF



**Tritanomaly**

74537F

# Monochromacy



**Original Color**

7E44B3



**Achromatopsia**

626262



**Achromatomaly**

6C577F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E44B3 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 #7E44B3 looks like.

```
.text, #text, p{  
    color:#7E44B3  
}
```

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 #7E44B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E44B3
}
```

## Border

The CSS property to change the border of an element to Hex 7E44B3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

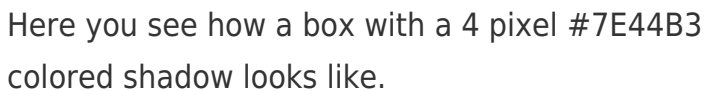
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E44B3 }
```

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

```
.border{ border-color:#7E44B3 }
```

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



Here you see how a box with a 4 pixel #7E44B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E44B3; -webkit-box-shadow:4px 4px  
4px 4px #7E44B3; box-shadow:4px 4px 4px  
4px #7E44B3 }
```

# Background

The CSS property to change the background color of an element to Hex 7E44B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E44B3 }
```

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

```
.background{ background-color:#7E44B3 }
```

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