

# Converting Colors

Hex(7E43C4)

Have a look what the booklet for  
Hex(7E43C4) contains.

<b>Hex(7E43C4)</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(7E43C4)

# Conversions

## Conversions Part 1

Format	Color
Hex	7E43C4
RGB	126, 67, 196
RGB Percent	49%, 26%, 77%
CMY	0.5059, 0.7373, 0.2314
CMYK	0.36, 0.66, 0.00, 0.23
HSL	267°, 52%, 52%
HSV	267°, 66%, 77%
XYZ	20.5751, 12.4355, 53.5404
YIQ	99.3470, -6.2450, 52.6270

# Conversions

## Conversions Part 2

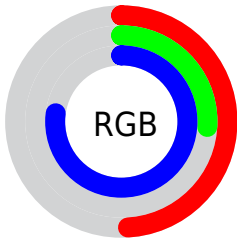
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 67, 196
Decimal	8274884
CIE <sub>Lab</sub>	41.90, 50.65, -58.03
CIE <sub>LCh</sub>	42, 77.027, 311.114
Yxy	12.4355, 0.2377, 0.1437
Android (android.graphics.Color)	4286464964 (0xFF7E43C4)
YUV	99.3470, 47.6499, 23.3747
Hunter-Lab	35.2639, 42.4360, -65.3339

# Details

The Hex color **7E43C4** is a dark color, and the websafe version is hex **9933CC**. The color can be described as dark muted purple. A complement of this color would be **89C443**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B777FD**, and **460C8D** is the 20% darker color. If you saturate the color by 10%, you get **732FC4**, and if you desaturate by 10%, it is **8957C4**.

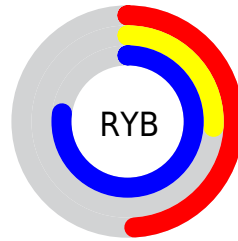
# Distribution



Red (49%)

Green (26%)

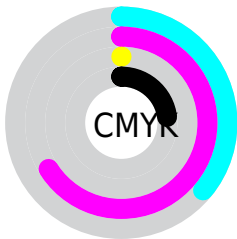
Blue (77%)



Red (49%)

Yellow (26%)

Blue (77%)

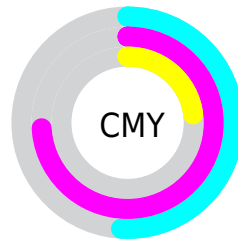


Cyan (36%)

Magenta (66%)

Yellow (0%)

Black (23%)



Cyan (51%)

Magenta (74%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E43C4 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 7E43C4 by changing the saturation by 10% instead.





7E43C4



7E43C4

FFFFFF



6229A8



B777FD



460C8D



D491FF



270073



F2ADFF



02005A



FFC9FF



000041



FFE5FF



00032A



000114



000000



7E43C4



7E43C4

732FC4

8957C4

691CC4

936AC4

5E08C4

9E7EC4

5A00C4

A991C4

B3A5C4

BEB9C4

C8CCC4

D3E0C4

DEF3C4

# Harmonies

## Analogous

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



0064E2



7E43C4



BC008D

# Triad

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



7E43C4



995000



007C7A

# Complementary

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



7E43C4



89C443

# 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.



007A36



7E43C4



646800

# Square

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



7E43C4



BE260D



007400



007CB6

# Rectangle

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



7E43C4



CC0064



007400



007C64



# Sweetspot

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



7E43C4



E3CCFF



438AC4



6F6180



000000



808080



# Same Dimension

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



7E43C4



9236FF



BE43C4



5C5761



4900A1



0F0021



# Inverse Universe

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



C44389



FF36A3



49C443



61575C



A10057



210012



# Previews

## White Background



This preview shows how the Hex color 7E43C4 looks on a white background.

## Color Contrast Check

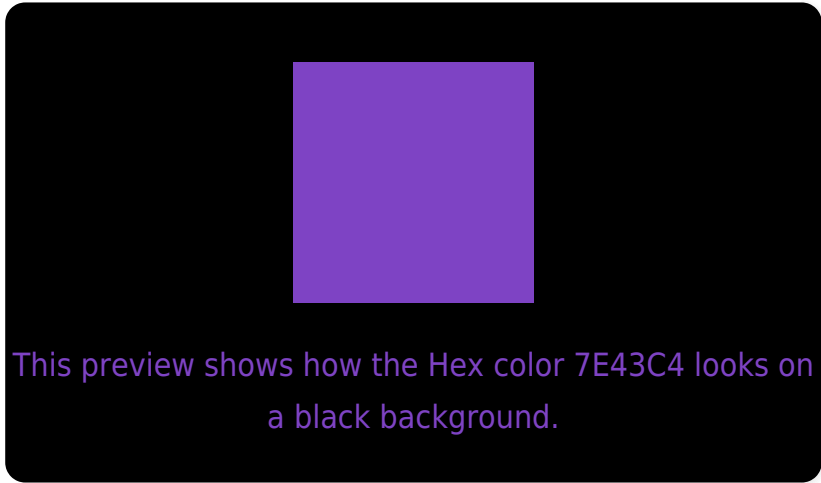
Large Text (above 18pt) WCAG AA ✓ Pass

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

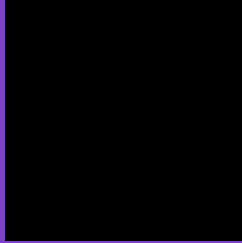
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E43C4 Background



This preview shows how black text looks on a background with the Hex color 7E43C4.

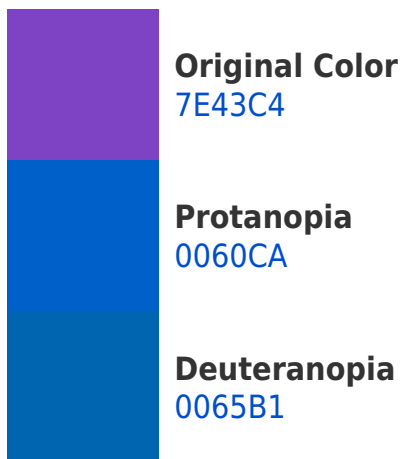


This preview shows how white text looks on a background with the Hex color 7E43C4.

# 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**  
6B6067

# Trichromacy



**Original Color**  
7E43C4



**Protanomaly**  
2E55C8



**Deuteranomaly**  
2E59B8



**Tritanomaly**  
725589

# Monochromacy



**Original Color**  
7E43C4



**Achromatopsia**  
636363



**Achromatomaly**  
6D5786

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E43C4 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 #7E43C4 looks like.

```
.text, #text, p{  
    color:#7E43C4  
}
```

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 #7E43C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E43C4
}
```

## Border

The CSS property to change the border of an element to Hex 7E43C4 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
#7E43C4 }
```

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

```
.border{ border-color:#7E43C4 }
```

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

Here you see how a box with a 4 pixel #7E43C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E43C4; -webkit-box-shadow:4px 4px  
4px 4px #7E43C4; box-shadow:4px 4px 4px  
4px #7E43C4 }
```

# Background

The CSS property to change the background color of an element to Hex 7E43C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E43C4 }
```

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

```
.background{ background-color:#7E43C4 }
```

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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