

# Converting Colors

Hex(7E46BF)

Have a look what the booklet for  
Hex(7E46BF) contains.

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# Color

**Hex(7E46BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E46BF
RGB	126, 70, 191
RGB Percent	49%, 27%, 75%
CMY	0.5059, 0.7255, 0.2510
CMYK	0.34, 0.63, 0.00, 0.25
HSL	268°, 49%, 51%
HSV	268°, 63%, 75%
XYZ	20.1983, 12.5775, 50.6534
YIQ	100.5380, -5.4650, 49.5030

# Conversions

## Conversions Part 2

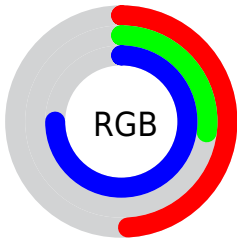
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 70, 191
Decimal	8275647
CIE <sub>Lab</sub>	42.12, 47.86, -54.76
CIE <sub>LCh</sub>	42, 72.729, 311.151
Yxy	12.5775, 0.2421, 0.1508
Android (android.graphics.Color)	4286465727 (0xFF7E46BF)
YUV	100.5380, 44.5978, 22.3302
Hunter-Lab	35.4648, 39.5979, -59.8568

# Details

The Hex color **7E46BF** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **87BF46**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **B679F8**, and **461289** is the 20% darker color. If you saturate the color by 10%, you get **7433BF**, and if you desaturate by 10%, it is **8859BF**.

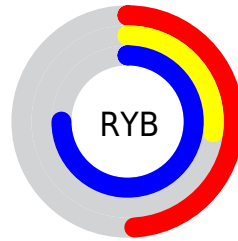
# Distribution



Red (49%)

Green (27%)

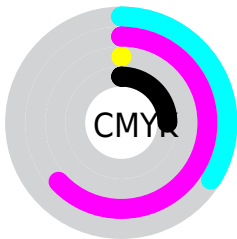
Blue (75%)



Red (49%)

Yellow (27%)

Blue (75%)

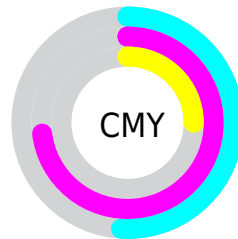


Cyan (34%)

Magenta (63%)

Yellow (0%)

Black (25%)



Cyan (51%)

Magenta (73%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E46BF 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 7E46BF by changing the saturation by 10% instead.



7E46BF

7E46BF

FFFFFF

622DA3

B679F8

461289

D394FF

29006F

F1AFFF

080055

FFCBFF

00003D

FFE8FF

000326

00010F

000000

7E46BF

7E46BF

7433BF

8859BF

6920BF

936CBF

5F0DBF

9D7FBF

5800BF

A792BF

B1A6BF

BCB9BF

C6CCBF

D0DFBF

DAF2BF

# Harmonies

## Analogous

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



0064DB



7E46BF



B8138C

# Triad

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



7E46BF



985200



007C79

# Complementary

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



7E46BF



87BF46

# 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.



007A3A



7E46BF



666800

# Square

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



7E46BF



BB2E14



107400



007BB2

# Rectangle

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



7E46BF



C70064



107400



007C64



# Sweetspot

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



7E46BF



DEC8F7



4689BF



6E607D



FCFCFC



7D7D7D



# Same Dimension

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



7E46BF



923BF7



B946BF



59555E



49009E



0E001F



# Inverse Universe

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



BF4687



F73BA0



4CBF46



5E555A



9E0055

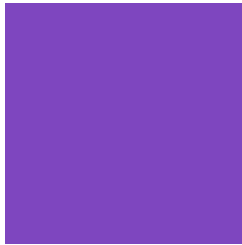


1F0010



# Previews

## White Background



This preview shows how the Hex color 7E46BF looks on a white background.

## Color Contrast Check

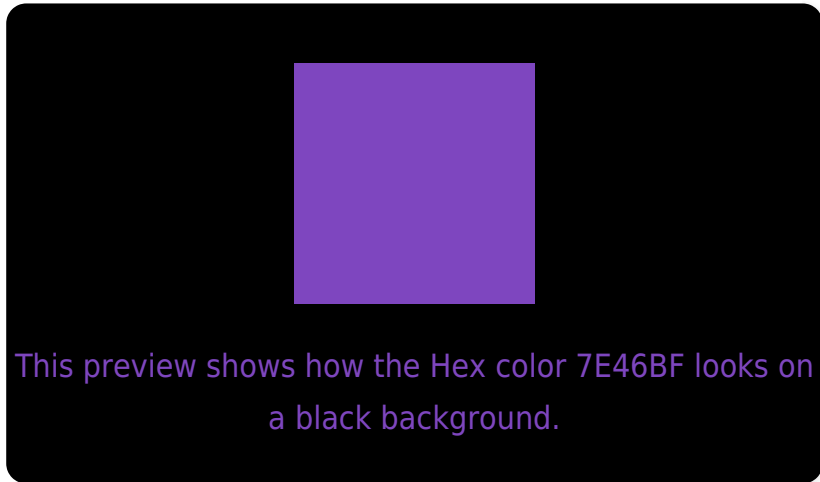
Large Text (above 18pt) WCAG AA ✓ Pass

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

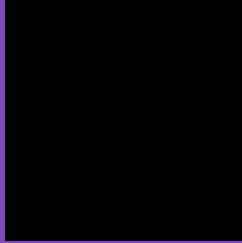
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E46BF Background



This preview shows how black text looks on a background with the Hex color 7E46BF.

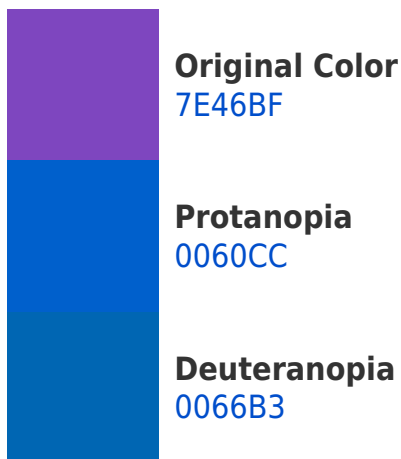


This preview shows how white text looks on a background with the Hex color 7E46BF.

# 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**  
6D6067

# Trichromacy



**Original Color**  
7E46BF



**Protanomaly**  
2E57C7



**Deuteranomaly**  
2E5AB7



**Tritanomaly**  
735787

# Monochromacy



**Original Color**  
7E46BF



**Achromatopsia**  
656565



**Achromatomaly**  
6E5A86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E46BF 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 #7E46BF looks like.

```
.text, #text, p{  
    color:#7E46BF  
}
```

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 #7E46BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E46BF
}
```

## Border

The CSS property to change the border of an element to Hex 7E46BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

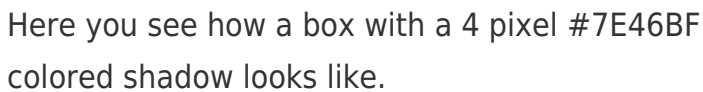
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E46BF }
```

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

```
.border{ border-color:#7E46BF }
```

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



Here you see how a box with a 4 pixel #7E46BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E46BF; -webkit-box-shadow:4px 4px  
4px 4px #7E46BF; box-shadow:4px 4px 4px  
4px #7E46BF }
```

# Background

The CSS property to change the background color of an element to Hex 7E46BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E46BF }
```

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

```
.background{ background-color:#7E46BF }
```

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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