

# Converting Colors

Hex(7E5584)

Have a look what the booklet for  
Hex(7E5584) contains.

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# Color

**Hex(7E5584)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E5584
RGB	126, 85, 132
RGB Percent	49%, 33%, 52%
CMY	0.5059, 0.6667, 0.4824
CMYK	0.05, 0.36, 0.00, 0.48
HSL	292°, 22%, 43%
HSV	292°, 36%, 52%
XYZ	16.0175, 12.5986, 23.4173
YIQ	102.6170, 9.3490, 23.3090

# Conversions

## Conversions Part 2

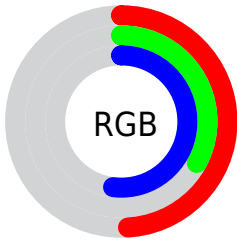
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 85, 132
Decimal	8279428
CIE <sub>Lab</sub>	42.15, 25.52, -19.57
CIE <sub>LCh</sub>	42, 32.159, 322.527
Yxy	12.5986, 0.3078, 0.2421
Android (android.graphics.Color)	4286469508 (0xFF7E5584)
YUV	102.6170, 14.4858, 20.5069
Hunter-Lab	35.4945, 18.4362, -14.2703

# Details

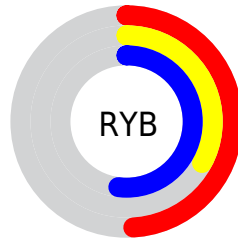
The Hex color **7E5584** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **5B8455**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **B387B9**, and **4C2652** is the 20% darker color. If you saturate the color by 10%, you get **7C4884**, and if you desaturate by 10%, it is **806284**.

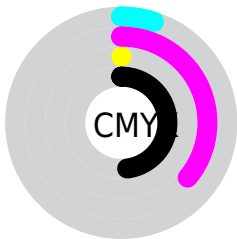
# Distribution



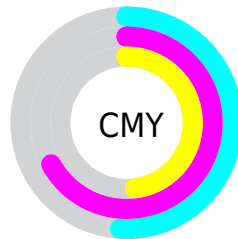
- Red (49%)
- Green (33%)
- Blue (52%)



- Red (49%)
- Yellow (33%)
- Blue (52%)



- Cyan (5%)
- Magenta (36%)
- Yellow (0%)
- Black (48%)



- Cyan (51%)
- Magenta (67%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E5584 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 7E5584 by changing the saturation by 10% instead.



7E5584

7E5584

FFFFFF

643D6B

B387B9

4C2652

CFA2D5

34103B

ECBDF1

210025

FFD9FF

00010E

FFF6FF

000000

7E5584

7E5584

7C4884

806284

7B3B84

816F84

792D84

837D84

772084

858A84

761384

869784

740684

88A484

730084

8AB184

8BBF84

8DCC84

# Harmonies

## Analogous

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



5B5F94



7E5584



914E6B

# Triad

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



7E5584



79602E



007177

# Complementary

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



7E5584



5B8455

# 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.



0D715C



7E5584



606831

# Square

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



7E5584



8C563A



406E42



006E8D

# Rectangle

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



7E5584



964E59



406E42



00716E



# Sweetspot

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



7E5584



A898AB



555B84



554B57



D6D6D6



575757



# Same Dimension

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



7E5584



A161AB



845573



413C42



710082



020003



# Inverse Universe

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



84555B



AB616B



558466



423C3D



820011

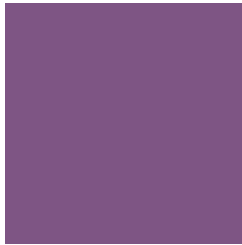


030000



# Previews

## White Background



This preview shows how the Hex color 7E5584 looks on a white background.

## Color Contrast Check

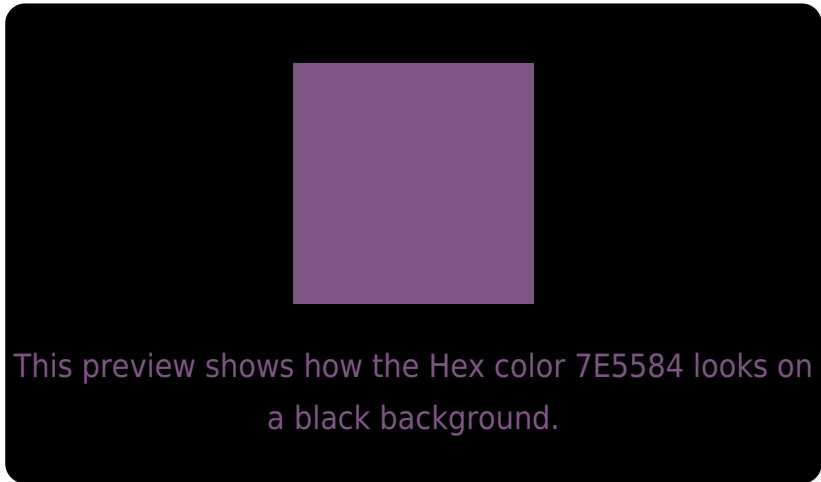
Large Text (above 18pt) WCAG AA ✓ Pass

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

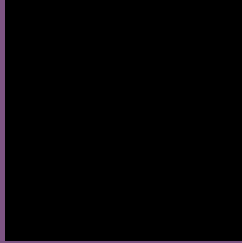
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7E5584 Background



This preview shows how black text looks on a background with the Hex color 7E5584.




This preview shows how white text looks on a background with the Hex color 7E5584.

# 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**  
795C63

# Trichromacy



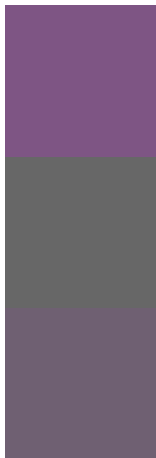
**Original Color**  
7E5584

**Protanomaly**  
655D8A

**Deuteranomaly**  
6A5D83

**Tritanomaly**  
7B596F

# Monochromacy



**Original Color**  
7E5584

**Achromatopsia**  
676767

**Achromatomaly**  
6F6072

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E5584 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 #7E5584 looks like.

```
.text, #text, p{  
    color:#7E5584  
}
```

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 #7E5584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E5584
}
```

## Border

The CSS property to change the border of an element to Hex 7E5584 is called "border". The border property can be set on classes, ids or directly on the HTML element.

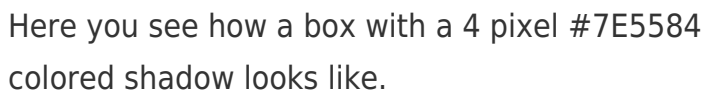
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7E5584 }
```

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

```
.border{ border-color:#7E5584 }
```

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



Here you see how a box with a 4 pixel #7E5584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E5584; -webkit-box-shadow:4px 4px  
4px 4px #7E5584; box-shadow:4px 4px 4px  
4px #7E5584 }
```

# Background

The CSS property to change the background color of an element to Hex 7E5584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E5584 }
```

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

```
.background{ background-color:#7E5584 }
```

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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