

# Converting Colors

Hex(437E7D)

Have a look what the booklet for  
Hex(437E7D) contains.

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# Color

Hex(437E7D)

# Conversions

## Conversions Part 1

Format	Color
Hex	437E7D
RGB	67, 126, 125
RGB Percent	26%, 49%, 49%
CMY	0.7373, 0.5059, 0.5098
CMYK	0.47, 0.00, 0.01, 0.51
HSL	179°, 31%, 38%
HSV	179°, 47%, 49%
XYZ	13.4773, 17.5957, 22.0880
YIQ	108.2450, -34.8430, -12.8190

# Conversions

## Conversions Part 2

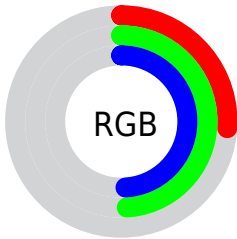
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	67, 97, 126
Decimal	4423293
CIE <sub>Lab</sub>	49.00, -19.45, -5.44
CIE <sub>LCh</sub>	49, 20.198, 195.634
Yxy	17.5957, 0.2535, 0.3310
Android (android.graphics.Color)	4282613373 (0xFF437E7D)
YUV	108.2450, 8.2602, -36.1719
Hunter-Lab	41.9472, -16.0571, -1.8571




# Details

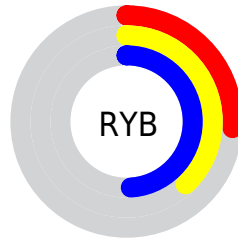
The Hex color **437E7D** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4344**, and the grayscale version is **6C6C6C**.




A 20% lighter version of the original color is **77B3B2**, and **084D4C** is the 20% darker color. If you saturate the color by 10%, you get **367E7D**, and if you desaturate by 10%, it is **507E7D**.

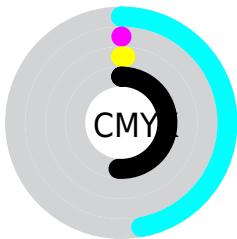
# Distribution







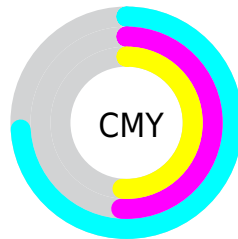
-  Red (26%)
-  Green (49%)
-  Blue (49%)






-  Red (26%)
-  Yellow (38%)
-  Blue (49%)



-  Cyan (47%)
-  Magenta (0%)
-  Yellow (1%)
-  Black (51%)



-  Cyan (74%)
-  Magenta (51%)
-  Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 437E7D 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 437E7D by changing the saturation by 10% instead.



 437E7D

 437E7D

FFFFFF

 286564

 77B3B2

 084D4C

 92CFCD

 003636

 AEEBE9

 002120

 CAFFFF

 000009

 E7FFFF

 000000

 437E7D

 437E7D

 367E7D

 507E7D

 2A7E7D

 5C7E7D

■ 1D7E7C

■ 697E7E

■ 117E7C

■ 757E7E

■ 047E7C

■ 827E7E

■ 007E7C

■ 8F7E7E

■ 9B7E7E

■ A87E7F

■ B47E7F

# Harmonies

## Analogous

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



517D6B



437E7D



437C8C

# Triad

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



437E7D



826D8C



887154

# Complementary

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



437E7D



7E4344

# 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.



946B5D



437E7D



91697D

# Square

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



437E7D



6C7395



97686C



787653

# Rectangle

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



437E7D



4D7A93



97686C



8D6F56



# Sweetspot

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



437E7D



8CA3A3



457E43



445251



D1D1D1



525252



# Same Dimension

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



437E7D



48A3A2



43627E



394040



00807D



000000



# Inverse Universe

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



7E4344



A34849



7E5F43



403939



800002

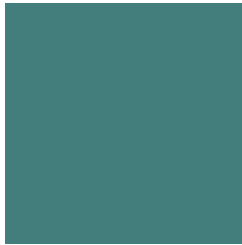


000000



# Previews

## White Background



This preview shows how the Hex color 437E7D looks on a white background.

## Color Contrast Check

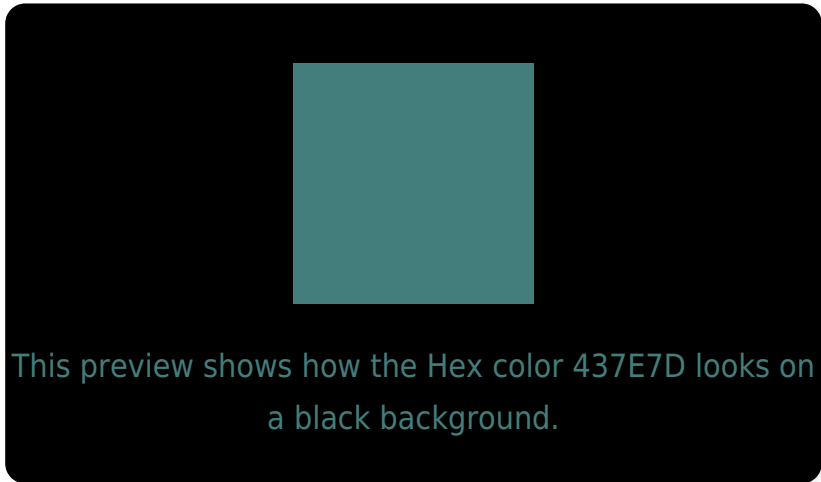
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

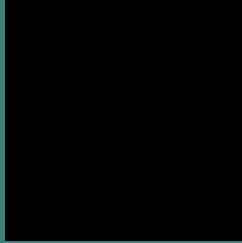
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 437E7D Background



This preview shows how black text looks on a background with the Hex color 437E7D.

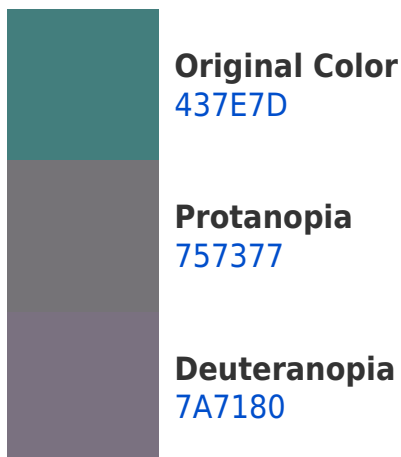



This preview shows how white text looks on a background with the Hex color 437E7D.

# 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](#).

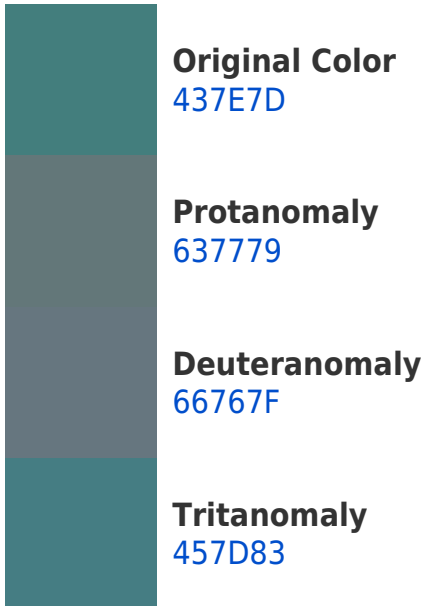
## Dichromacy





**Tritanopia**  
467D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 437E7D 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 #437E7D looks like.

```
.text, #text, p{  
    color:#437E7D  
}
```

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 #437E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #437E7D
}
```

## Border

The CSS property to change the border of an element to Hex 437E7D 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
#437E7D }
```

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

```
.border{ border-color:#437E7D }
```

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

Here you see how a box with a 4 pixel #437E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #437E7D; -webkit-box-shadow:4px 4px  
4px 4px #437E7D; box-shadow:4px 4px 4px  
4px #437E7D }
```

# Background

The CSS property to change the background color of an element to Hex 437E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#437E7D }
```

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

```
.background{ background-color:#437E7D }
```

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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