

Converting Colors

Hex(467E7E)

Have a look what the booklet for
Hex(467E7E) contains.

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Color

Hex(467E7E)

Conversions

Conversions Part 1

Format	Color
Hex	467E7E
RGB	70, 126, 126
RGB Percent	27%, 49%, 49%
CMY	0.7255, 0.5059, 0.5059
CMYK	0.44, 0.00, 0.00, 0.51
HSL	180°, 29%, 38%
HSV	180°, 44%, 49%
XYZ	13.7525, 17.7302, 22.4361
YIQ	109.2560, -33.3760, -11.8720

Conversions

Conversions Part 2

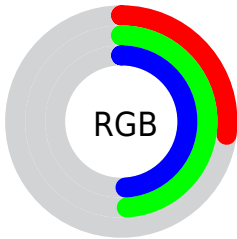
Format	Color
RYB	70, 98, 126
Decimal	4619902
CIELab	49.17, -18.40, -5.77
CIELCh	49, 19.284, 197.418
Yxy	17.7302, 0.2551, 0.3288
Android (android.graphics.Color)	4282809982 (0xFF467E7E)
YUV	109.2560, 8.2548, -34.4275
Hunter-Lab	42.1072, -15.3881, -2.1166

Details

The Hex color **467E7E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7E4646**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7AB3B3**, and **0E4D4D** is the 20% darker color. If you saturate the color by 10%, you get **397E7E**, and if you desaturate by 10%, it is **537E7E**.

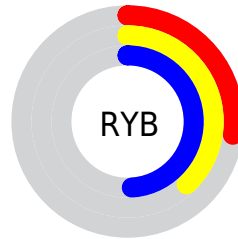
Distribution



Red (27%)

Green (49%)

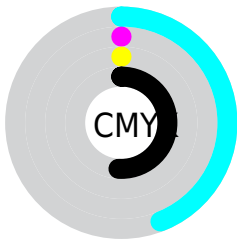
Blue (49%)



Red (27%)

Yellow (38%)

Blue (49%)

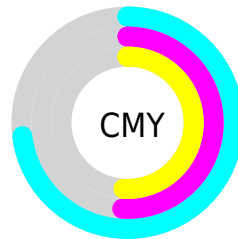


Cyan (44%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (73%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 467E7E 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 467E7E by changing the saturation by 10% instead.



467E7E



467E7E

FFFFFF



2C6565



7AB3B3



0E4D4D



95CECE



003636



B1EBEA



002121



CDFFFF



00000B



E9FFFF



000000



467E7E



467E7E



397E7E



537E7E



2D7E7E



5F7E7E

■ 207E7E

■ 6C7E7E

■ 147E7E

■ 787E7E

■ 077E7E

■ 857E7E

■ 007E7E

■ 927E7E

■ 9E7E7E

■ AB7E7E

■ B77E7E

Harmonies

Analogous

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



527E6D



467E7E



477C8C

Triad

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



467E7E



836D8B



877155

Complementary

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



467E7E



7E4646

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.



926C5D



467E7E



916A7C

Square

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



467E7E



6E7394



96696C



777756

Rectangle

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



467E7E



517A93



96696C



8C7057

Sweetspot

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



467E7E



8EA3A3



467E46



455252



D1D1D1



525252

Same Dimension

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



467E7E



4DA3A3



46627E



394040



008080



000000

Inverse Universe

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



7E467E



A34DA3



7E6246



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 467E7E looks on a white background.

Color Contrast Check

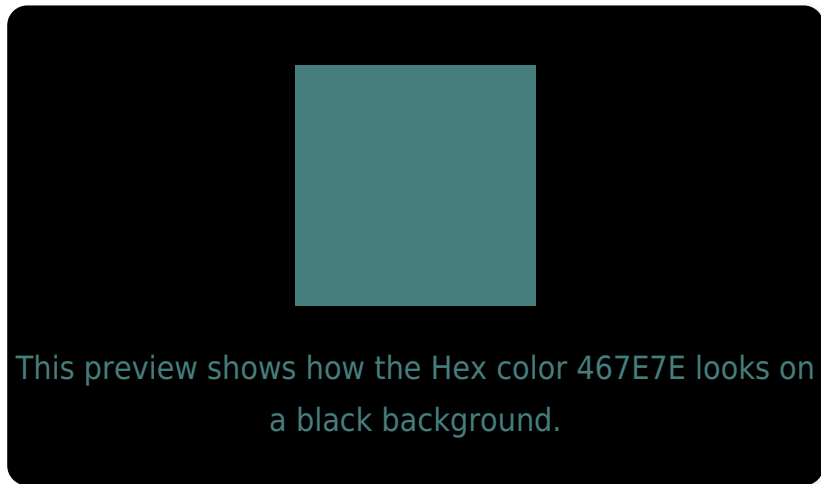
Large Text (above 18pt) WCAG AA ✓ Pass

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

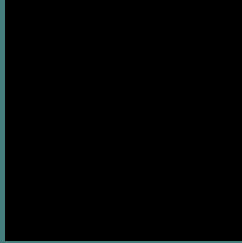
Any Text WCAG AA ✓ Pass

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 467E7E Background



This preview shows how black text looks on a background with the Hex color 467E7E.

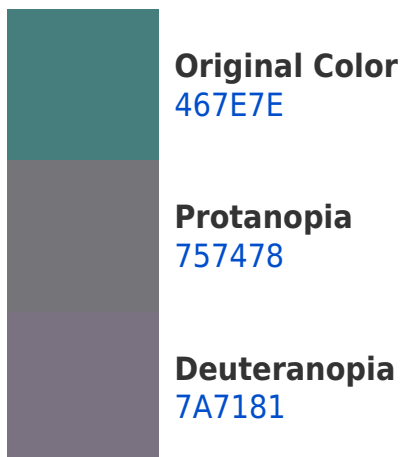



This preview shows how white text looks on a background with the Hex color 467E7E.

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
497D87

Trichromacy



Original Color
467E7E

Protanomaly
64787A

Deuteranomaly
677680

Tritanomaly
487D84

Monochromacy



Original Color
467E7E

Achromatopsia
6D6D6D

Achromatomaly
5F7373

CSS Examples

Text

The CSS property to change the color of the text to Hex 467E7E 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 #467E7E looks like.

```
.text, #text, p{  
    color:#467E7E  
}
```

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 #467E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467E7E
}
```

Border

The CSS property to change the border of an element to Hex 467E7E 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
#467E7E }
```

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

```
.border{ border-color:#467E7E }
```

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

Here you see how a box with a 4 pixel #467E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467E7E; -webkit-box-shadow:4px 4px  
4px 4px #467E7E; box-shadow:4px 4px 4px  
4px #467E7E }
```

Background

The CSS property to change the background color of an element to Hex 467E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467E7E }
```

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

```
.background{ background-color:#467E7E }
```

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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