

# Converting Colors

Hex(467A8E)

Have a look what the booklet for  
Hex(467A8E) contains.

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# Color

Hex(467A8E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	467A8E
RGB	70, 122, 142
RGB Percent	27%, 48%, 56%
CMY	0.7255, 0.5216, 0.4431
CMYK	0.51, 0.14, 0.00, 0.44
HSL	197°, 34%, 42%
HSV	197°, 51%, 56%
XYZ	14.3678, 17.1742, 28.1489
YIQ	108.7320, -37.4120, -4.8040

# Conversions

## Conversions Part 2

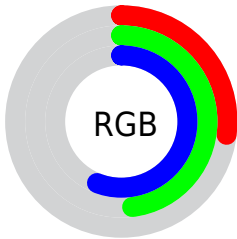
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	70, 100, 142
Decimal	4618894
CIE <sub>Lab</sub>	48.48, -11.57, -16.24
CIE <sub>LCh</sub>	48, 19.941, 234.518
Yxy	17.1742, 0.2407, 0.2877
Android (android.graphics.Color)	4282808974 (0xFF467A8E)
YUV	108.7320, 16.4011, -33.9680
Hunter-Lab	41.4417, -10.6372, -11.2629

# Details

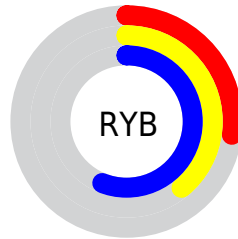
The Hex color **467A8E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8E5A46**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BAEC4**, and **0A495C** is the 20% darker color. If you saturate the color by 10%, you get **38768E**, and if you desaturate by 10%, it is **547E8E**.

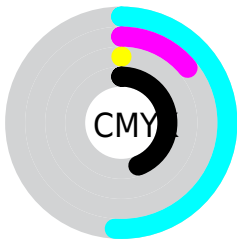
# Distribution



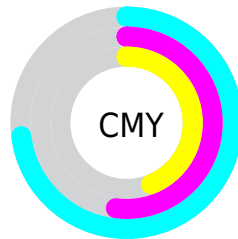
- Red (27%)
- Green (48%)
- Blue (56%)



- Red (27%)
- Yellow (39%)
- Blue (56%)



- Cyan (51%)
- Magenta (14%)
- Yellow (0%)
- Black (44%)



- Cyan (73%)
- Magenta (52%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467A8E 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 467A8E by changing the saturation by 10% instead.



 467A8E

 467A8E

FFFFFF

 2B6174

 7BAEC4

 0A495C

 96CAE0

 003344

 B2E6FC

 001E2E

 CEFFFF

 00011A

 EBFFFF

 000000

 467A8E

 467A8E

 38768E

 547E8E

 2A728E

 62828E

■ 1B6E8E

■ 71868E

■ 0D6A8E

■ 7F8A8E

■ 00678E

■ 8D8E8E

■ 9B928E

■ A9968E

■ B89A8E

■ C69E8E

# Harmonies

## Analogous

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



417C80



467A8E



5A7694

# Triad

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



467A8E



926777



717654

# Complementary

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



467A8E



8E5A46

# 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.



827152



467A8E



956866

# Square

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



467A8E



866A87



8F6B58



5D7A5F

# Rectangle

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



467A8E



6A7294



8F6B58



777552



# Sweetspot

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



467A8E



9CB0B8



468E59



4B575C



DBDBDB



5C5C5C



# Same Dimension

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



467A8E



4898B8



46578E



404547



006287



000608



# Inverse Universe

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



8E467A



B84898



8E7D46



474045



870062



080006



# Previews

## White Background



This preview shows how the Hex color 467A8E looks on a white background.

## Color Contrast Check

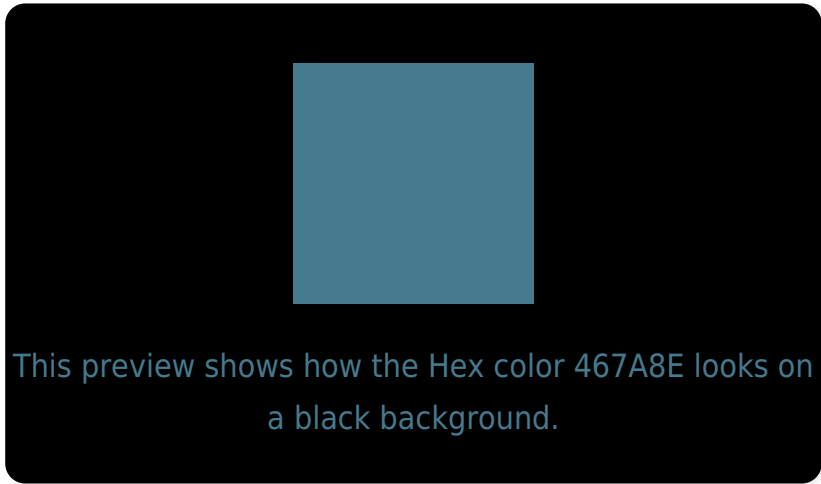
Large Text (above 18pt) WCAG AA ✓ Pass

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

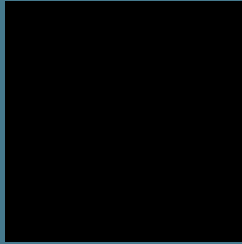
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467A8E Background



This preview shows how black text looks on a background with the Hex color 467A8E.

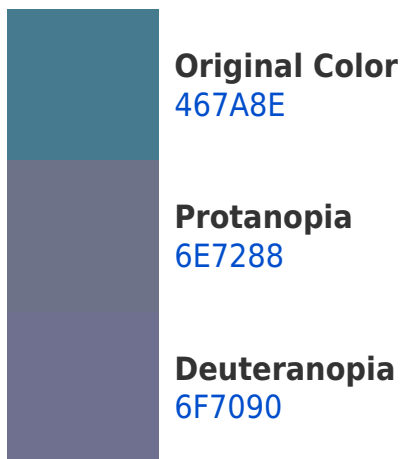


This preview shows how white text looks on a background with the Hex color 467A8E.

# 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**  
437B85

# Trichromacy



**Original Color**  
467A8E

**Protanomaly**  
5F758A

**Deuteranomaly**  
60748F

**Tritanomaly**  
447B88

# Monochromacy



**Original Color**  
467A8E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5F7279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467A8E 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 #467A8E looks like.

```
.text, #text, p{  
    color:#467A8E  
}
```

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 #467A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467A8E
}
```

## Border

The CSS property to change the border of an element to Hex 467A8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

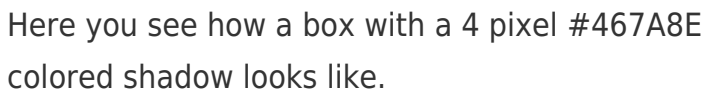
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#467A8E }
```

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

```
.border{ border-color:#467A8E }
```

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



Here you see how a box with a 4 pixel #467A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467A8E; -webkit-box-shadow:4px 4px  
4px 4px #467A8E; box-shadow:4px 4px 4px  
4px #467A8E }
```

# Background

The CSS property to change the background color of an element to Hex 467A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467A8E }
```

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

```
.background{ background-color:#467A8E }
```

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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