

# Converting Colors

Hex(467B8E)

Have a look what the booklet for  
Hex(467B8E) contains.

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# Color

Hex(467B8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	467B8E
RGB	70, 123, 142
RGB Percent	27%, 48%, 56%
CMY	0.7255, 0.5176, 0.4431
CMYK	0.51, 0.13, 0.00, 0.44
HSL	196°, 34%, 42%
HSV	196°, 51%, 56%
XYZ	14.4912, 17.4210, 28.1900
YIQ	109.3190, -37.6870, -5.3270

# Conversions

## Conversions Part 2

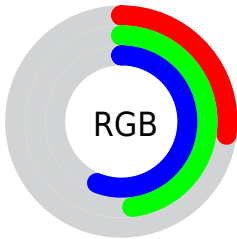
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 101, 142
Decimal	4619150
CIELab	48.79, -12.14, -15.77
CIELCh	49, 19.901, 232.411
Yxy	17.4210, 0.2411, 0.2899
Android (android.graphics.Color)	4282809230 (0xFF467B8E)
YUV	109.3190, 16.1117, -34.4828
Hunter-Lab	41.7385, -11.0687, -10.8273

# Details

The Hex color **467B8E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8E5946**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **7BB0C4**, and **094A5C** is the 20% darker color. If you saturate the color by 10%, you get **38778E**, and if you desaturate by 10%, it is **547F8E**.

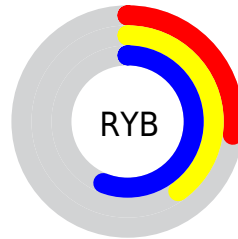
# Distribution



Red (27%)

Green (48%)

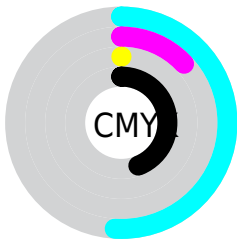
Blue (56%)



Red (27%)

Yellow (40%)

Blue (56%)

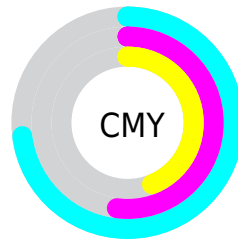


Cyan (51%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (73%)

Magenta (52%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 467B8E 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 467B8E by changing the saturation by 10% instead.



467B8E

467B8E

FFFFFF

2B6274

7BB0C4

094A5C

96CBE0

003444

B2E7FC

001F2E

CEFFFF

00011A

EBFFFF

000000

467B8E

467B8E

38778E

547F8E

2A748E

62828E

■ 1B708E

■ 71868E

■ 0D6C8E

■ 7F8A8E

■ 00698E

■ 8D8E8E

■ 9B918E

■ A9958E

■ B8998E

■ C69D8E

# Harmonies

## Analogous

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



427D80



467B8E



597795

# Triad

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



467B8E



926879



737755

# Complementary

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



467B8E



8E5946

# 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.



847153



467B8E



966868

# Square

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



467B8E



856B89



916C5A



607B5F

# Rectangle

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



467B8E



697395



916C5A



797553



# Sweetspot

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



467B8E



9CB0B8



468E58



4B575C



DBDBDB



5C5C5C



# Same Dimension

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



467B8E



489AB8



46588E



404647



006387



000608



# Inverse Universe

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



8E467B



B8489A



8E7C46



474046



870063

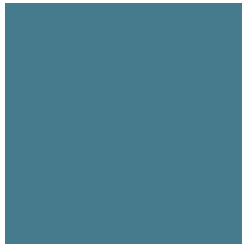


080006



# Previews

## White Background



This preview shows how the Hex color 467B8E looks on a white background.

## Color Contrast Check

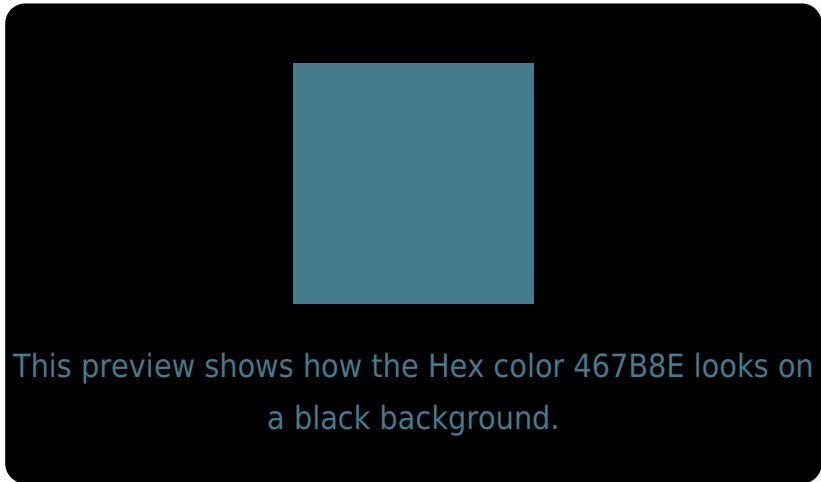
Large Text (above 18pt) WCAG AA ✓ Pass

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

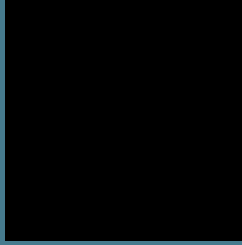
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 467B8E Background



This preview shows how black text looks on a background with the Hex color 467B8E.

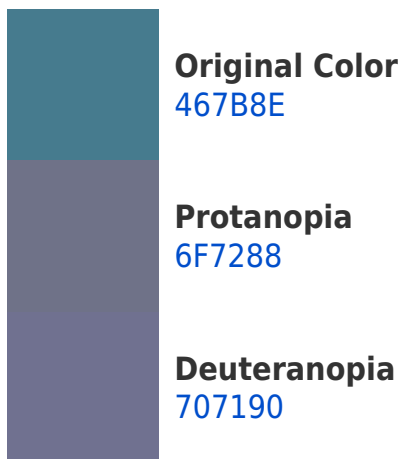



This preview shows how white text looks on a background with the Hex color 467B8E.

# 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**  
437C86

# Trichromacy



**Original Color**  
467B8E

**Protanomaly**  
60758A

**Deuteranomaly**  
61758F

**Tritanomaly**  
447C89

# Monochromacy



**Original Color**  
467B8E

**Achromatopsia**  
6D6D6D

**Achromatomaly**  
5F7279

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 467B8E 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 #467B8E looks like.

```
.text, #text, p{  
    color:#467B8E  
}
```

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 #467B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #467B8E
}
```

## Border

The CSS property to change the border of an element to Hex 467B8E 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
#467B8E }
```

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

```
.border{ border-color:#467B8E }
```

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

Here you see how a box with a 4 pixel #467B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #467B8E; -webkit-box-shadow:4px 4px  
4px 4px #467B8E; box-shadow:4px 4px 4px  
4px #467B8E }
```

# Background

The CSS property to change the background color of an element to Hex 467B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#467B8E }
```

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

```
.background{ background-color:#467B8E }
```

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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