

# Converting Colors

Hex(468B79)

Have a look what the booklet for  
Hex(468B79) contains.

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# Color

Hex(468B79)

# Conversions

## Conversions Part 1

Format	Color
Hex	468B79
RGB	70, 139, 121
RGB Percent	27%, 55%, 47%
CMY	0.7255, 0.4549, 0.5255
CMYK	0.50, 0.00, 0.13, 0.45
HSL	164°, 33%, 41%
HSV	164°, 50%, 55%
XYZ	15.2096, 21.1478, 21.3695
YIQ	116.3170, -35.3460, -20.2260

# Conversions

## Conversions Part 2

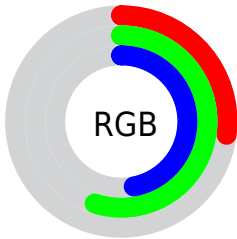
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 110, 139
Decimal	4623225
CIELab	53.11, -26.44, 2.93
CIELCh	53, 26.599, 173.677
Yxy	21.1478, 0.2635, 0.3663
Android (android.graphics.Color)	4282813305 (0xFF468B79)
YUV	116.3170, 2.3087, -40.6200
Hunter-Lab	45.9867, -21.4399, 4.6394

# Details

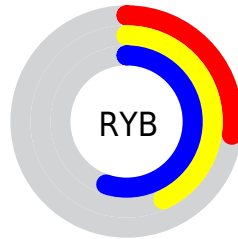
The Hex color **468B79** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8B4658**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **7BC1AD**, and **0A5849** is the 20% darker color. If you saturate the color by 10%, you get **388B75**, and if you desaturate by 10%, it is **548B7D**.

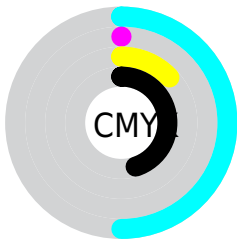
# Distribution



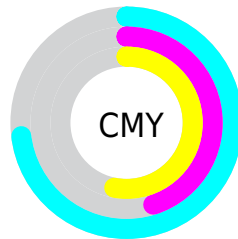
- Red (27%)
- Green (55%)
- Blue (47%)



- Red (27%)
- Yellow (43%)
- Blue (55%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (45%)



- Cyan (73%)
- Magenta (45%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 468B79 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 468B79 by changing the saturation by 10% instead.





468B79



468B79

FFFFFF



2B7160



7BC1AD



0A5849



96DDC9



004132



B2FAE5



002A1D



CEFFFF



001304



EBFFFF



000000



468B79



468B79



388B75



548B7D



2A8B72



628B80

■ 1C8B6E

■ 708B84

■ 0E8B6A

■ 7E8B88

■ 018B67

■ 8B8B8B

■ 008B67

■ 998B8F

■ A78B92

■ B58B96

■ C38B9A

# Harmonies

## Analogous

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



618863



468B79



318B90

# Triad

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



468B79



7B7BA9



A4745B

# Complementary

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



468B79



8B4658

# 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.



AC6E6E



468B79



97739A

# Square

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



468B79



5882AC



A86E85



937C51

# Rectangle

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



468B79



32899E



A86E85



A87260



# Sweetspot

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



468B79



9AB5AE



588B46



4B5C57



DBDBDB



5C5C5C



# Same Dimension

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



468B79



48B599



467B8B



3E4543



008562



000504



# Inverse Universe

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



8B4658



B54865



8B5646



453E40



850023



050001



# Previews

## White Background



This preview shows how the Hex color 468B79 looks on a white background.

## Color Contrast Check

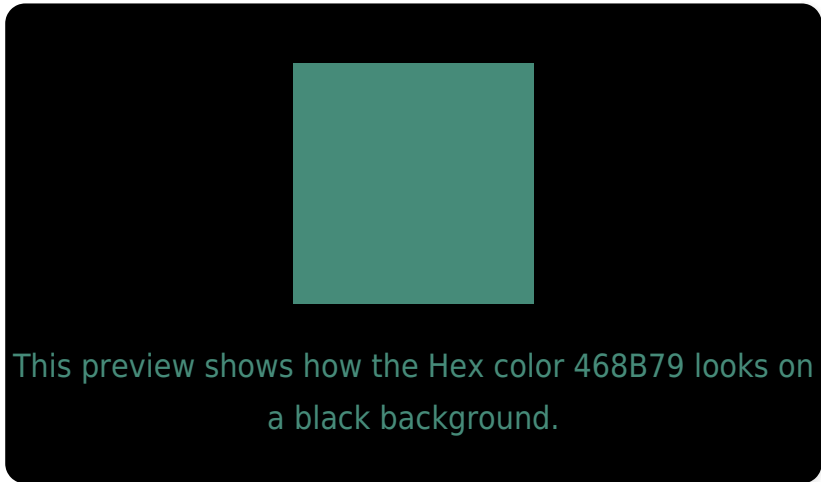
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

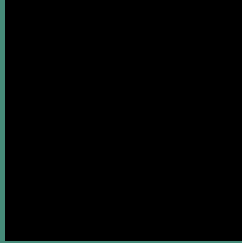
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 468B79 Background



This preview shows how black text looks on a background with the Hex color 468B79.

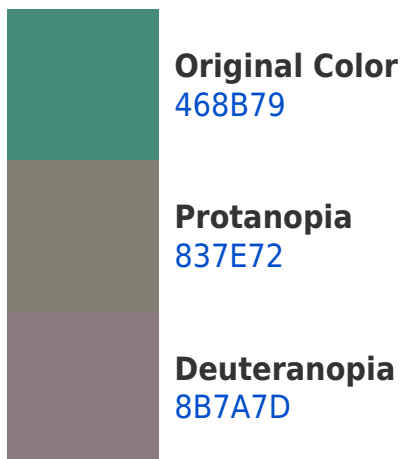


This preview shows how white text looks on a background with the Hex color 468B79.

# 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**  
4E8792

# Trichromacy



**Original Color**  
468B79

**Protanomaly**  
6D8375

**Deuteranomaly**  
72807C

**Tritanomaly**  
4B8889

# Monochromacy



**Original Color**  
468B79

**Achromatopsia**  
747474

**Achromatomaly**  
637C76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 468B79 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 #468B79 looks like.

```
.text, #text, p{  
    color:#468B79  
}
```

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 #468B79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #468B79
}
```

## Border

The CSS property to change the border of an element to Hex 468B79 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
#468B79 }
```

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

```
.border{ border-color:#468B79 }
```

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

Here you see how a box with a 4 pixel #468B79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #468B79; -webkit-box-shadow:4px 4px  
4px 4px #468B79; box-shadow:4px 4px 4px  
4px #468B79 }
```

# Background

The CSS property to change the background color of an element to Hex 468B79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#468B79 }
```

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

```
.background{ background-color:#468B79 }
```

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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