

# Converting Colors

Hex(4B6F8B)

Have a look what the booklet for  
Hex(4B6F8B) contains.

<b>Hex(4B6F8B)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(4B6F8B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B6F8B
RGB	75, 111, 139
RGB Percent	29%, 44%, 55%
CMY	0.7059, 0.5647, 0.4549
CMYK	0.46, 0.20, 0.00, 0.45
HSL	206°, 30%, 42%
HSV	206°, 46%, 55%
XYZ	13.2463, 14.7288, 26.5709
YIQ	103.4280, -30.4440, 1.0760

# Conversions

## Conversions Part 2

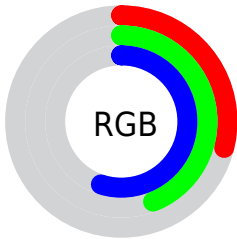
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 98, 139
Decimal	4943755
CIE <sub>Lab</sub>	45.26, -4.82, -19.36
CIE <sub>LCh</sub>	45, 19.951, 256.014
Yxy	14.7288, 0.2428, 0.2700
Android (android.graphics.Color)	4283133835 (0xFF4B6F8B)
YUV	103.4280, 17.5370, -24.9314
Hunter-Lab	38.3781, -5.5521, -14.1844

# Details

The Hex color **4B6F8B** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8B674B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7FA3C1**, and **163F59** is the 20% darker color. If you saturate the color by 10%, you get **3D698B**, and if you desaturate by 10%, it is **59758B**.

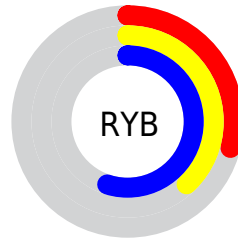
# Distribution



Red (29%)

Green (44%)

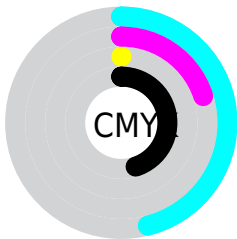
Blue (55%)



Red (29%)

Yellow (38%)

Blue (55%)

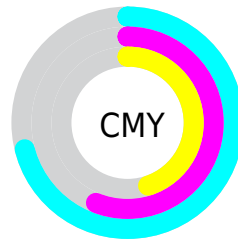


Cyan (46%)

Magenta (20%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (56%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B6F8B 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 4B6F8B by changing the saturation by 10% instead.





4B6F8B



4B6F8B

FFFFFF



315771



7FA3C1



163F59



9ABEDC



002A41



B5D9F9



00152B



D2F6FF



000116



EEFFFF



000000



4B6F8B



4B6F8B



3D698B



59758B



2F638B



677B8B

■ 215D8B

■ 75818B

■ 13578B

■ 83878B

■ 05518B

■ 918D8B

■ 004E8B

■ 9E938B

■ AC9A8B

■ BAA08B

■ C8A68B

# Harmonies

## Analogous

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



3A7382



4B6F8B



636A8B

# Triad

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



4B6F8B



8D5F63



5B7154

# Complementary

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



4B6F8B



8B674B

# 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.



6E6D4B



4B6F8B



896254

# Square

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



4B6F8B



876074



7E674B



487463

# Rectangle

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



4B6F8B



726686



7E674B



617050



# Sweetspot

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



4B6F8B



9CAAB5



4B8B67



4C555C



DBDBDB



5C5C5C



# Same Dimension

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



4B6F8B



5189B5



4B4F8B



3E4245



004B85



000305



# Inverse Universe

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



8B4B6F



B55189



8B874B



453E42



85004B



050003



# Previews

## White Background



This preview shows how the Hex color 4B6F8B looks on a white background.

## Color Contrast Check

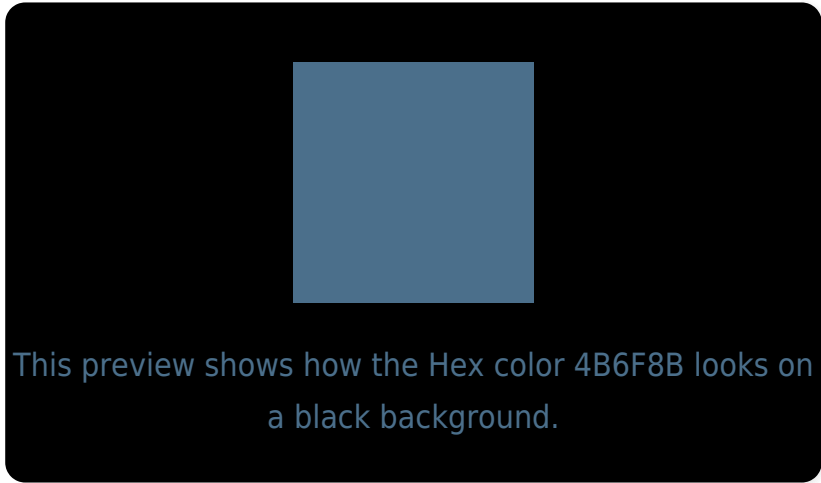
Large Text (above 18pt) WCAG AA ✓ Pass

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

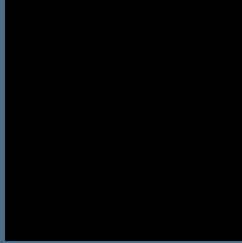
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

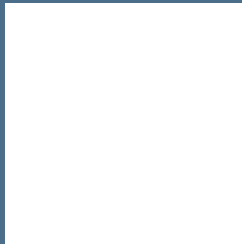
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B6F8B Background



This preview shows how black text looks on a background with the Hex color 4B6F8B.

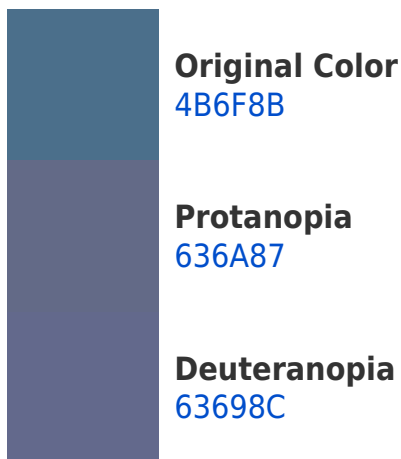


This preview shows how white text looks on a background with the Hex color 4B6F8B.

# 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**  
46727B

# Trichromacy



**Original Color**  
4B6F8B

**Protanomaly**  
5A6C88

**Deuteranomaly**  
5A6B8C

**Tritanomaly**  
487181

# Monochromacy



**Original Color**  
4B6F8B

**Achromatopsia**  
676767

**Achromatomaly**  
5D6A74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B6F8B 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 #4B6F8B looks like.

```
.text, #text, p{  
    color:#4B6F8B  
}
```

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 #4B6F8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B6F8B
}
```

## Border

The CSS property to change the border of an element to Hex 4B6F8B 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
#4B6F8B }
```

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

```
.border{ border-color:#4B6F8B }
```

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

Here you see how a box with a 4 pixel #4B6F8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B6F8B; -webkit-box-shadow:4px 4px  
4px 4px #4B6F8B; box-shadow:4px 4px 4px  
4px #4B6F8B }
```

# Background

The CSS property to change the background color of an element to Hex 4B6F8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B6F8B }
```

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

```
.background{ background-color:#4B6F8B }
```

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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