

# Converting Colors

Hex(4B638F)

Have a look what the booklet for  
Hex(4B638F) contains.

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# Color

Hex(4B638F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4B638F
RGB	75, 99, 143
RGB Percent	29%, 39%, 56%
CMY	0.7059, 0.6118, 0.4392
CMYK	0.48, 0.31, 0.00, 0.44
HSL	219°, 31%, 43%
HSV	219°, 48%, 56%
XYZ	12.3214, 12.4027, 27.7312
YIQ	96.8400, -28.4280, 8.5960

# Conversions

## Conversions Part 2

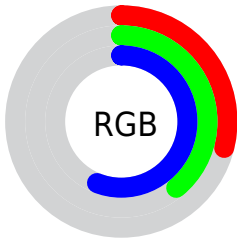
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 93, 143
Decimal	4940687
CIE <sub>Lab</sub>	41.85, 3.70, -27.03
CIE <sub>LCh</sub>	42, 27.287, 277.799
Yxy	12.4027, 0.2349, 0.2364
Android (android.graphics.Color)	4283130767 (0xFF4B638F)
<b>YUV</b>	96.8400, 22.7569, -19.1537
Hunter-Lab	35.2175, 0.8206, -22.0342

# Details

The Hex color **4B638F** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8F774B**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7F96C5**, and **15355C** is the 20% darker color. If you saturate the color by 10%, you get **3D5A8F**, and if you desaturate by 10%, it is **596C8F**.

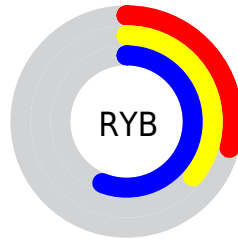
# Distribution



Red (29%)

Green (39%)

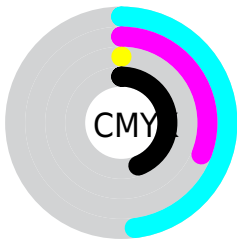
Blue (56%)



Red (29%)

Yellow (36%)

Blue (56%)

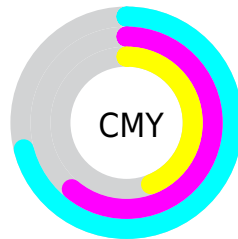


Cyan (48%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (71%)

Magenta (61%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B638F 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 4B638F by changing the saturation by 10% instead.



■ 4B638F

■ 4B638F

FFFFFF

■ 314B75

■ 7F96C5

■ 15355C

■ 9AB0E1

■ 002045

■ B6CCFE

■ 00072E

■ D2E8FF

■ 000119

■ EFFFFFF

■ 000000

■ 4B638F

■ 4B638F

■ 3D5A8F

■ 596C8F

■ 2E508F

■ 68768F

■ 20478F

■ 767F8F

■ 123E8F

■ 84888F

■ 04358F

■ 93918F

■ 00328F

■ A19B8F

■ AFA48F

■ BDAD8F

■ CCB68F

# Harmonies

## Analogous

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



1F6A8C



4B638F



6D5B86

# Triad

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



4B638F



8C5448



376D51

# Complementary

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



4B638F



8F774B

# 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.



53693E



4B638F



7F5C39

# Square

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



4B638F



8E515E



6C6336



0F6F68

# Rectangle

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



4B638F



7D567B



6C6336



416C4A



# Sweetspot

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



4B638F



A0A9BA



4B8F76



4E545E



DEDEDE



5E5E5E



# Same Dimension

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



4B638F



5075BA



544B8F



404347



003087



000308



# Inverse Universe

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



8F4B63



BA5075



868F4B



474043



870030

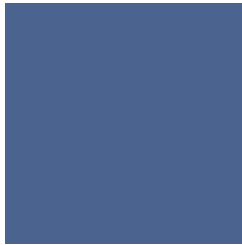


080003



# Previews

## White Background



This preview shows how the Hex color 4B638F looks on a white background.

## Color Contrast Check

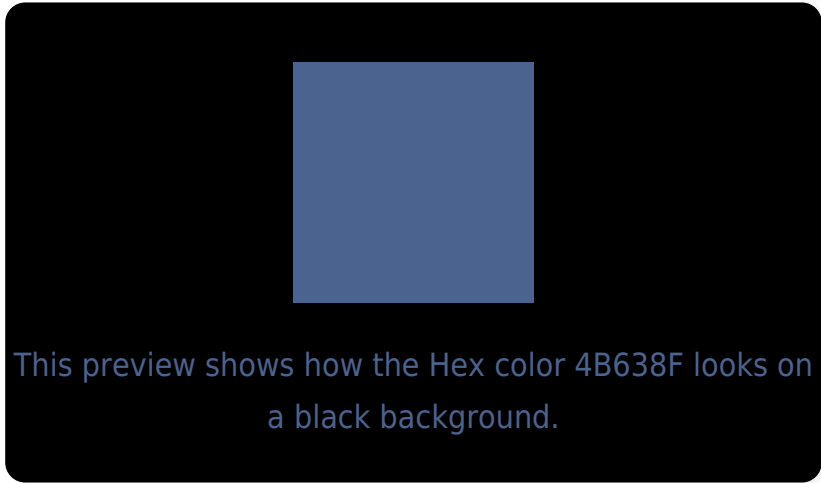
Large Text (above 18pt) WCAG AA ✓ Pass

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

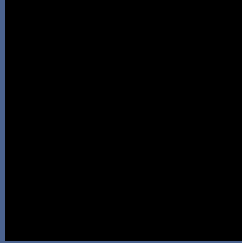
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

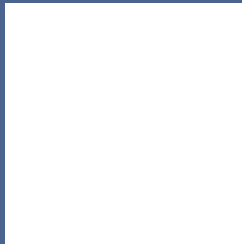
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4B638F Background



This preview shows how black text looks on a background with the Hex color 4B638F.



This preview shows how white text looks on a background with the Hex color 4B638F.

# 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



**Original Color**  
4B638F

**Protanopia**  
54618D

**Deuteranopia**  
50628F



**Tritanopia**  
426971

# Trichromacy



**Original Color**  
4B638F

**Protanomaly**  
51628E

**Deuteranomaly**  
4E628F

**Tritanomaly**  
45677C

# Monochromacy



**Original Color**  
4B638F

**Achromatopsia**  
616161

**Achromatomaly**  
596272

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B638F 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 #4B638F looks like.

```
.text, #text, p{  
    color:#4B638F  
}
```

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 #4B638F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B638F
}
```

## Border

The CSS property to change the border of an element to Hex 4B638F 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
#4B638F }
```

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

```
.border{ border-color:#4B638F }
```

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

Here you see how a box with a 4 pixel #4B638F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B638F; -webkit-box-shadow:4px 4px  
4px 4px #4B638F; box-shadow:4px 4px 4px  
4px #4B638F }
```

# Background

The CSS property to change the background color of an element to Hex 4B638F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B638F }
```

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

```
.background{ background-color:#4B638F }
```

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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