

Converting Colors

Hex(4B639F)

Have a look what the booklet for
Hex(4B639F) contains.

Hex(4B639F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4B639F)

Conversions

Conversions Part 1

Format	Color
Hex	4B639F
RGB	75, 99, 159
RGB Percent	29%, 39%, 62%
CMY	0.7059, 0.6118, 0.3765
CMYK	0.53, 0.38, 0.00, 0.38
HSL	223°, 36%, 46%
HSV	223°, 53%, 62%
XYZ	13.6215, 12.9227, 34.5773
YIQ	98.6640, -33.5640, 13.5720

Conversions

Conversions Part 2

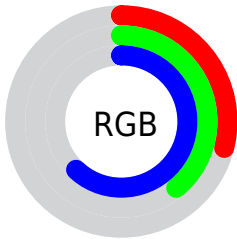
Format	Color
R_{YB}	75, 94, 159
Decimal	4940703
CIE _{Lab}	42.65, 8.87, -35.34
CIE _{LCh}	43, 36.431, 284.091
Yxy	12.9227, 0.2229, 0.2114
Android (android.graphics.Color)	4283130783 (0xFF4B639F)
YUV	98.6640, 29.7456, -20.7533
Hunter-Lab	35.9482, 4.7279, -31.8652

Details

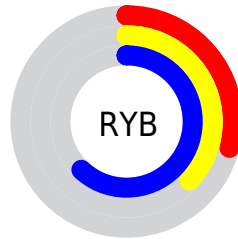
The Hex color **4B639F** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9F874B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **8195D6**, and **0E356B** is the 20% darker color. If you saturate the color by 10%, you get **3B589F**, and if you desaturate by 10%, it is **5B6E9F**.

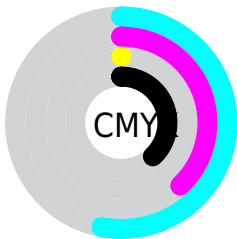
Distribution



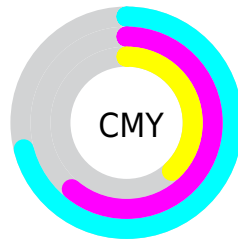
- Red (29%)
- Green (39%)
- Blue (62%)



- Red (29%)
- Yellow (37%)
- Blue (62%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (38%)



- Cyan (71%)
- Magenta (61%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B639F 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 4B639F by changing the saturation by 10% instead.

■ 4B639F

■ 4B639F

FFFFFF

■ 2F4B85

■ 8195D6

■ 0E356B

■ 9CB0F3

■ 002052

■ B8CBFF

■ 00083B

■ D5E8FF

■ 000225

■ F2FFFF

■ 00010D

■ 000000

■ 4B639F

■ 4B639F

■ 3B589F

■ 5B6E9F

■ 2B4C9F

■ 6B7A9F

■ 1B419F

■ 7B859F

■ 0B369F

■ 8B909F

■ 002D9F

■ 9B9C9F

■ AAA79F

■ BAB39F

■ CABE9F

■ DAC99F

Harmonies

Analogous

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



006C9E



4B639F



795790

Triad

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



4B639F



96523C



0E7353

Complementary

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



4B639F



9F874B

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.



476F38



4B639F



845D2A

Square

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



4B639F



9D4B58



686827



007472

Rectangle

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



4B639F



8D5080



686827



297249

Sweetspot

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



4B639F



AEB7CF



4B9F86



555A69



E8E8E8



696969

Same Dimension

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



4B639F



4C72CF



5C4B9F



47494F



00298F



00040F

Inverse Universe

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



9F4B63



CF4C72



8E9F4B



4F4749



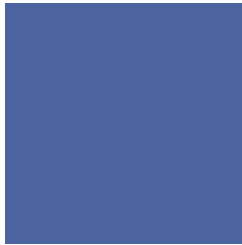
8F0029



0F0004

Previews

White Background



This preview shows how the Hex color 4B639F looks on a white background.

Color Contrast Check

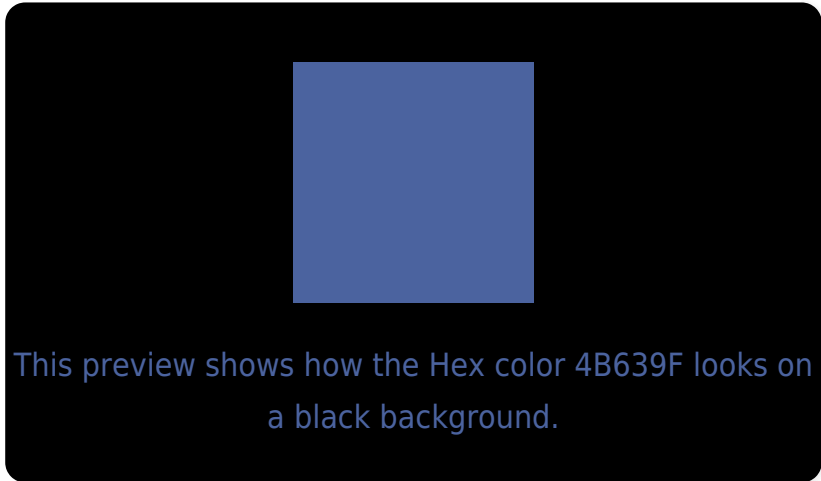
Large Text (above 18pt) WCAG AA ✓ Pass

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

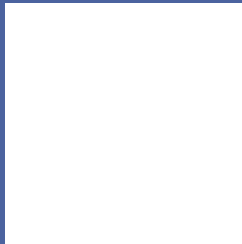
Any Text WCAG AAA × Fail

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

Hex 4B639F Background



This preview shows how black text looks on a background with the Hex color 4B639F.



This preview shows how white text looks on a background with the Hex color 4B639F.

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
4B639F

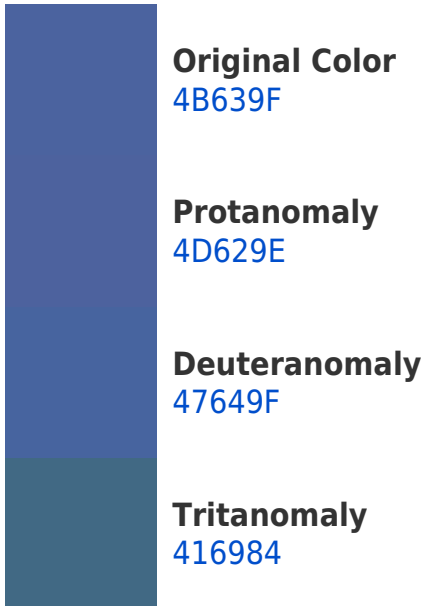
Protanopia
4E629E

Deuteranopia
44649F

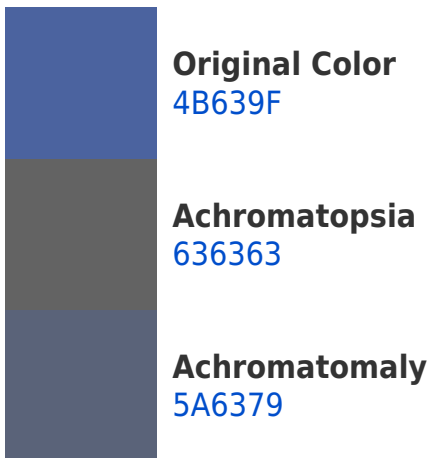


Tritanopia
3C6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4B639F 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 #4B639F looks like.

```
.text, #text, p{  
    color:#4B639F  
}
```

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 #4B639F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B639F
}
```

Border

The CSS property to change the border of an element to Hex 4B639F 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
#4B639F }
```

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

```
.border{ border-color:#4B639F }
```

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

Here you see how a box with a 4 pixel #4B639F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B639F; -webkit-box-shadow:4px 4px  
4px 4px #4B639F; box-shadow:4px 4px 4px  
4px #4B639F }
```

Background

The CSS property to change the background color of an element to Hex 4B639F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B639F }
```

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

```
.background{ background-color:#4B639F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor