

Converting Colors

Hex(4B8699)

Have a look what the booklet for
Hex(4B8699) contains.

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Color

Hex(4B8699)

Conversions

Conversions Part 1

Format	Color
Hex	4B8699
RGB	75, 134, 153
RGB Percent	29%, 53%, 60%
CMY	0.7059, 0.4745, 0.4000
CMYK	0.51, 0.12, 0.00, 0.40
HSL	195°, 34%, 45%
HSV	195°, 51%, 60%
XYZ	17.1765, 20.8460, 33.2554
YIQ	118.5250, -41.2630, -6.5990

Conversions

Conversions Part 2

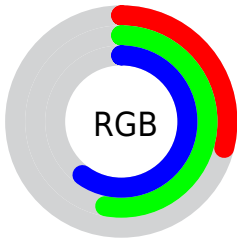
Format	Color
R_{YB}	75, 109, 153
Decimal	4949657
CIE _{Lab}	52.78, -13.78, -16.10
CIE _{LCh}	53, 21.195, 229.436
Yxy	20.8460, 0.2410, 0.2925
Android (android.graphics.Color)	4283139737 (0xFF4B8699)
YUV	118.5250, 16.9962, -38.1714
Hunter-Lab	45.6574, -12.7479, -11.2248

Details

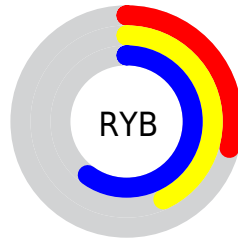
The Hex color **4B8699** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **995E4B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **81BBCF**, and **0E5466** is the 20% darker color. If you saturate the color by 10%, you get **3C8299**, and if you desaturate by 10%, it is **5A8A99**.

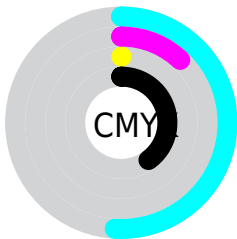
Distribution



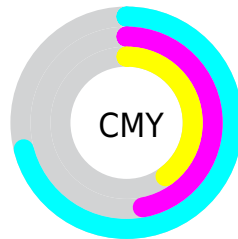
- Red (29%)
- Green (53%)
- Blue (60%)



- Red (29%)
- Yellow (43%)
- Blue (60%)



- Cyan (51%)
- Magenta (12%)
- Yellow (0%)
- Black (40%)



- Cyan (71%)
- Magenta (47%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B8699 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 4B8699 by changing the saturation by 10% instead.

■ 4B8699

■ 4B8699

FFFFFF

■ 2F6D7F

■ 81BBCF

■ 0E5466

■ 9CD7EC

■ 003D4E

■ B8F3FF

■ 002737

■ D5FFFF

■ 001322

■ F2FFFF

■ 000009

■ 000000

■ 4B8699

■ 4B8699

■ 3C8299

■ 5A8A99

■ 2C7F99

■ 6A8D99

■ 1D7B99

■ 799199

■ 0E7799

■ 889599

■ 007499

■ 989999

■ A79C99

■ B6A099

■ C5A499

■ D5A899

Harmonies

Analogous

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



498889



4B8699



5E82A1

Triad

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



4B8699



9E7185



7F815B

Complementary

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



4B8699



995E4B

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.



917B5A



4B8699



A37173

Square

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



4B8699



8F7596



9E7563



6A8566

Rectangle

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



4B8699



6F7EA2



9E7563



857F5A

Sweetspot

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



4B8699



A9C0C7



4B995D



525F63



E3E3E3



636363

Same Dimension

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



4B8699



4EA9C7



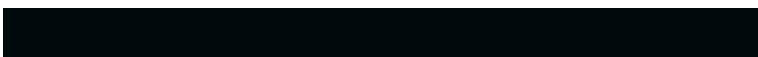
4B6099



454B4D



006A8C



000A0D

Inverse Universe

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



994B86



C74EA9



99844B



4D454B



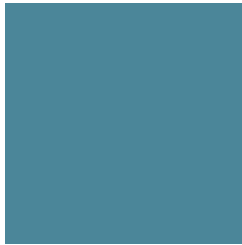
8C006A



0D000A

Previews

White Background



This preview shows how the Hex color 4B8699 looks on a white background.

Color Contrast Check

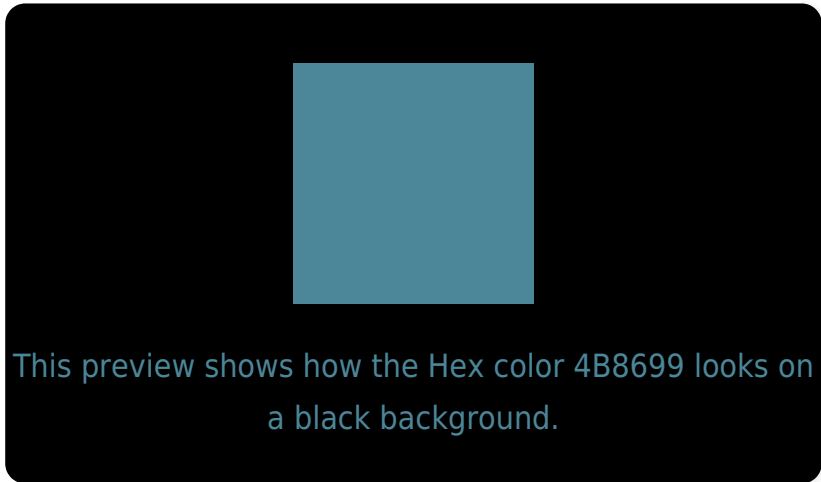
Large Text (above 18pt) WCAG AA ✓ Pass

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

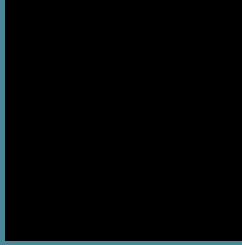
Any Text WCAG AA ✓ Pass

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 4B8699 Background



This preview shows how black text looks on a background with the Hex color 4B8699.

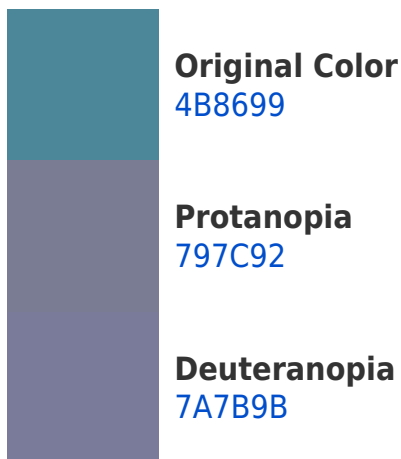


This preview shows how white text looks on a background with the Hex color 4B8699.

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
498792

Trichromacy



Original Color
4B8699

Protanomaly
688095

Deuteranomaly
697F9A

Tritanomaly
4A8795

Monochromacy



Original Color
4B8699

Achromatopsia
777777

Achromatomaly
677C83

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B8699 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 #4B8699 looks like.

```
.text, #text, p{  
    color:#4B8699  
}
```

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 #4B8699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8699
}
```

Border

The CSS property to change the border of an element to Hex 4B8699 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
#4B8699 }
```

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

```
.border{ border-color:#4B8699 }
```

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

Here you see how a box with a 4 pixel #4B8699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8699; -webkit-box-shadow:4px 4px  
4px 4px #4B8699; box-shadow:4px 4px 4px  
4px #4B8699 }
```

Background

The CSS property to change the background color of an element to Hex 4B8699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8699 }
```

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

```
.background{ background-color:#4B8699 }
```

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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