

Converting Colors

Hex(4B498B)

Have a look what the booklet for
Hex(4B498B) contains.

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Color

Hex(4B498B)

Conversions

Conversions Part 1

Format	Color
Hex	4B498B
RGB	75, 73, 139
RGB Percent	29%, 29%, 55%
CMY	0.7059, 0.7137, 0.4549
CMYK	0.46, 0.47, 0.00, 0.45
HSL	242°, 31%, 42%
HSV	242°, 47%, 55%
XYZ	9.9444, 8.1250, 25.4703
YIQ	81.1220, -19.9940, 20.9500

Conversions

Conversions Part 2

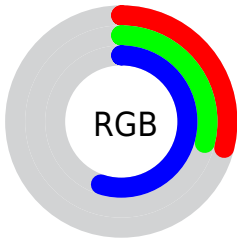
Format	Color
R_{YB}	75, 73, 139
Decimal	4934027
CIE _{Lab}	34.24, 19.04, -36.61
CIE _{LCh}	34, 41.265, 297.485
Yxy	8.1250, 0.2284, 0.1866
Android (android.graphics.Color)	4283124107 (0xFF4B498B)
YUV	81.1220, 28.5339, -5.3690
Hunter-Lab	28.5044, 12.3909, -33.0257

Details

The Hex color **4B498B** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **898B49**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **7F7AC1**, and **151D58** is the 20% darker color. If you saturate the color by 10%, you get **3E3B8B**, and if you desaturate by 10%, it is **58578B**.

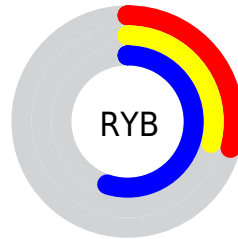
Distribution



Red (29%)

Green (29%)

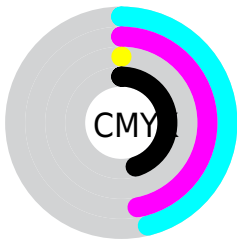
Blue (55%)



Red (29%)

Yellow (29%)

Blue (55%)

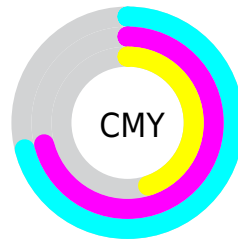


Cyan (46%)

Magenta (47%)

Yellow (0%)

Black (45%)



Cyan (71%)

Magenta (71%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B498B 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 4B498B by changing the saturation by 10% instead.

■ 4B498B

■ 4B498B

FFFFFF

■ 313271

■ 7F7AC1

■ 151D58

■ 9A93DD

■ 000741

■ B6AEFA

■ 00032A

■ D2C9FF

■ 000114

■ EFE5FF

■ 000000

■ 4B498B

■ 4B498B

■ 3E3B8B

■ 58578B

■ 302D8B

■ 66658B

■ 231F8B

■ 73738B

■ 15118B

■ 81818B

■ 08048B

■ 8E8F8B

■ 04008B

■ 9C9C8B

■ A9AA8B

■ B7B88B

■ C4C68B

Harmonies

Analogous

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



005592



4B498B



753A74

Triad

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



4B498B



7C4118



00604D

Complementary

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



4B498B



898B49

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.



0F5D2B



4B498B



634E04

Square

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



4B498B



8A3434



43570F



00606E

Rectangle

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



4B498B



853360



43570F



005F41

Sweetspot

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



4B498B



9C9CB5



498A8B



4D4C5C



DBDBDB



5C5C5C

Same Dimension

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



4B498B



514EB5



6B498B



3E3E45



040085



000005

Inverse Universe

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



8B4989



B54EB2



698B49



453E45



850081



050005

Previews

White Background



This preview shows how the Hex color 4B498B looks on a white background.

Color Contrast Check

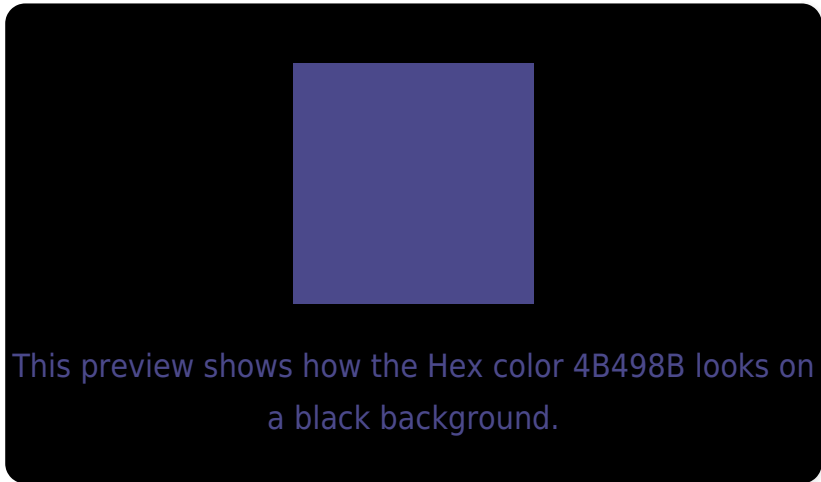
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

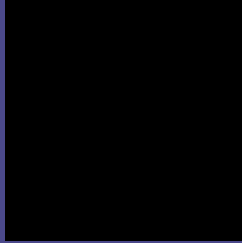
Any Text WCAG AA × Fail

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 4B498B Background



This preview shows how black text looks on a background with the Hex color 4B498B.



This preview shows how white text looks on a background with the Hex color 4B498B.

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
4B498B

Protanopia
314E90

Deuteranopia
275189



Tritanopia
3E545B

Trichromacy



Original Color
4B498B

Protanomaly
3A4C8E

Deuteranomaly
344E8A

Tritanomaly
43506C

Monochromacy



Original Color
4B498B

Achromatopsia
515151

Achromatomaly
4F4E66

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B498B 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 #4B498B looks like.

```
.text, #text, p{  
    color:#4B498B  
}
```

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 #4B498B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B498B  
}
```

Border

The CSS property to change the border of an element to Hex 4B498B 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  
#4B498B }
```

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

```
.border{ border-color:#4B498B }
```

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

Here you see how a box with a 4 pixel #4B498B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B498B; -webkit-box-shadow:4px 4px  
4px 4px #4B498B; box-shadow:4px 4px 4px  
4px #4B498B }
```

Background

The CSS property to change the background color of an element to Hex 4B498B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B498B }
```

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

```
.background{ background-color:#4B498B }
```

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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