

Converting Colors

Hex(4B4E78)

Have a look what the booklet for
Hex(4B4E78) contains.

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Color

Hex(4B4E78)

Conversions

Conversions Part 1

Format	Color
Hex	4B4E78
RGB	75, 78, 120
RGB Percent	29%, 31%, 47%
CMY	0.7059, 0.6941, 0.5294
CMYK	0.37, 0.35, 0.00, 0.53
HSL	236°, 23%, 38%
HSV	236°, 37%, 47%
XYZ	9.0162, 8.3007, 18.8963
YIQ	81.8910, -15.2700, 12.4260

Conversions

Conversions Part 2

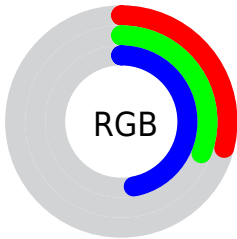
Format	Color
R_{YB}	75, 78, 120
Decimal	4935288
CIE _{Lab}	34.60, 9.92, -24.31
CIE _{LCh}	35, 26.262, 292.202
Yxy	8.3007, 0.2490, 0.2292
Android (android.graphics.Color)	4283125368 (0xFF4B4E78)
YUV	81.8910, 18.7877, -6.0434
Hunter-Lab	28.8109, 5.4413, -18.7190

Details

The Hex color **4B4E78** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **78754B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7D7FAD**, and **1B2247** is the 20% darker color. If you saturate the color by 10%, you get **3F4378**, and if you desaturate by 10%, it is **575978**.

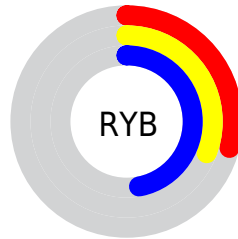
Distribution



Red (29%)

Green (31%)

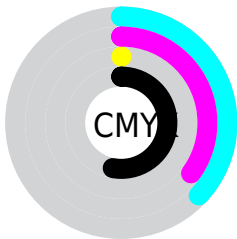
Blue (47%)



Red (29%)

Yellow (31%)

Blue (47%)

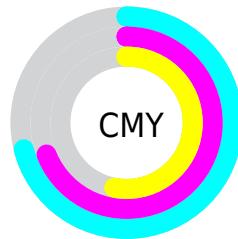


Cyan (37%)

Magenta (35%)

Yellow (0%)

Black (53%)



Cyan (71%)

Magenta (69%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4E78 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 4B4E78 by changing the saturation by 10% instead.



4B4E78



4B4E78

FFFFFF



33375F



7D7FAD



1B2247



9899C8



040C31



B3B4E4



00011B



CFCFFF



000000



EBEBFF



4B4E78



4B4E78



3F4378



575978



333878



636478

■ 272C78

■ 6F7078

■ 1B2178

■ 7B7B78

■ 0F1678

■ 878678

■ 030B78

■ 939178

■ 000878

■ 9F9C78

■ ABA878

■ B7B378

Harmonies

Analogous

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



23557A



4B4E78



66466B

Triad

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



4B4E78



724731



155C4B

Complementary

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



4B4E78



78754B

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.



365A37



4B4E78



634E27

Square

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



4B4E78



794143



4F552A



005C60

Rectangle

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



4B4E78



72425F



4F552A



225B44

Sweetspot

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



4B4E78



8A8C9C



4B7875



45454F



CFCFCF



4F4F4F

Same Dimension

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



4B4E78



565A9C



5F4B78



37373D



00087D



0011FC

Inverse Universe

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



784B4E



9C565A



64784B



3D3737



7D0008



FC0011

Previews

White Background



This preview shows how the Hex color 4B4E78 looks on a white background.

Color Contrast Check

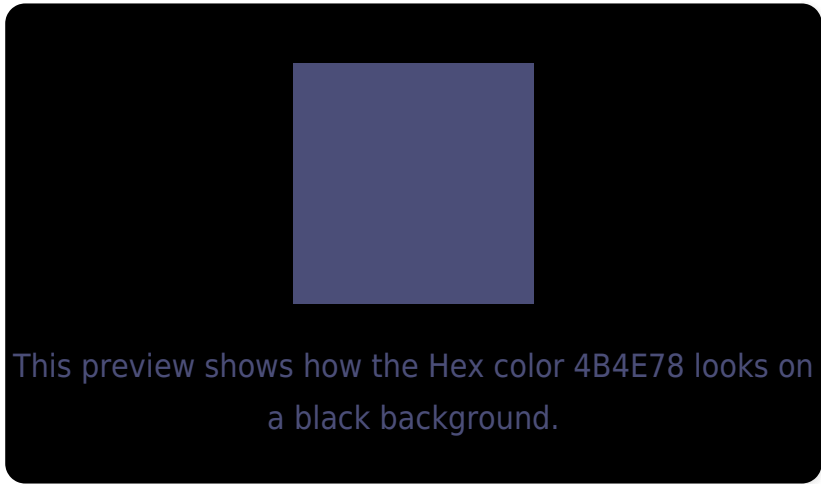
Large Text (above 18pt) WCAG AA ✓ Pass

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 4B4E78 Background



This preview shows how black text looks on a background with the Hex color 4B4E78.

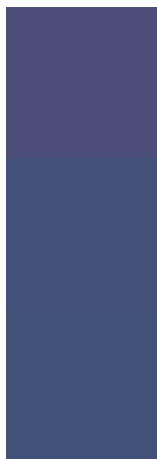


This preview shows how white text looks on a background with the Hex color 4B4E78.

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

4B4E78

Protanopia

43507A

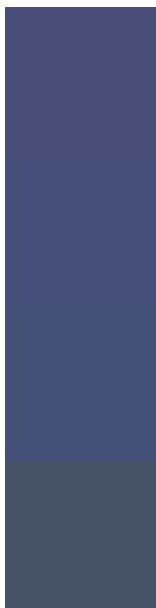
Deuteranopia

415177



Tritanopia
44545B

Trichromacy



Original Color

4B4E78

Protanomaly

464F79

Deuteranomaly

455077

Tritanomaly

475266

Monochromacy



Original Color

4B4E78

Achromatopsia

525252

Achromatomaly

4F5160

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4E78 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 #4B4E78 looks like.

```
.text, #text, p{  
    color:#4B4E78  
}
```

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 #4B4E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4E78
}
```

Border

The CSS property to change the border of an element to Hex 4B4E78 is called "border". The border property can be set on classes, ids or directly on the HTML element.

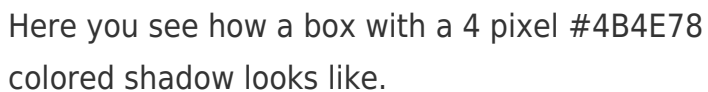
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B4E78 }
```

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

```
.border{ border-color:#4B4E78 }
```

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



Here you see how a box with a 4 pixel #4B4E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4E78; -webkit-box-shadow:4px 4px  
4px 4px #4B4E78; box-shadow:4px 4px 4px  
4px #4B4E78 }
```

Background

The CSS property to change the background color of an element to Hex 4B4E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4E78 }
```

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

```
.background{ background-color:#4B4E78 }
```

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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