

Converting Colors

Hex(4B4D7E)

Have a look what the booklet for
Hex(4B4D7E) contains.

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Color

Hex(4B4D7E)

Conversions

Conversions Part 1

Format	Color
Hex	4B4D7E
RGB	75, 77, 126
RGB Percent	29%, 30%, 49%
CMY	0.7059, 0.6980, 0.5059
CMYK	0.40, 0.39, 0.00, 0.51
HSL	238°, 25%, 39%
HSV	238°, 40%, 49%
XYZ	9.3214, 8.3100, 20.8514
YIQ	81.9880, -16.9210, 14.8150

Conversions

Conversions Part 2

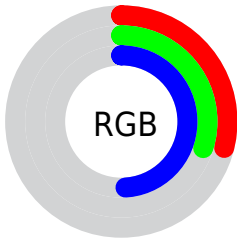
Format	Color
R _Y B	75, 77, 126
Decimal	4935038
CIE Lab	34.62, 12.39, -28.00
CIE LCh	35, 30.621, 293.862
Yxy	8.3100, 0.2422, 0.2159
Android (android.graphics.Color)	4283125118 (0xFF4B4D7E)
YUV	81.9880, 21.6979, -6.1285
Hunter-Lab	28.8270, 7.2720, -22.7071

Details

The Hex color **4B4D7E** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **7E7C4B**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **7E7EB3**, and **1A214D** is the 20% darker color. If you saturate the color by 10%, you get **3E417E**, and if you desaturate by 10%, it is **58597E**.

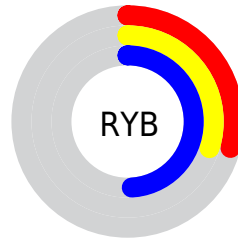
Distribution



Red (29%)

Green (30%)

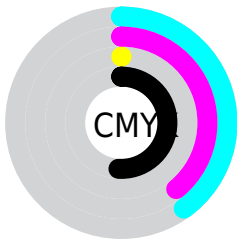
Blue (49%)



Red (29%)

Yellow (30%)

Blue (49%)

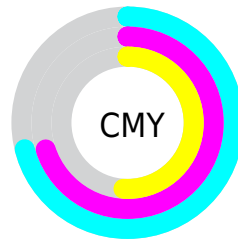


Cyan (40%)

Magenta (39%)

Yellow (0%)

Black (51%)



Cyan (71%)

Magenta (70%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B4D7E 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 4B4D7E by changing the saturation by 10% instead.

■ 4B4D7E

■ 4B4D7E

FFFFFF

■ 323665

■ 7E7EB3

■ 1A214D

■ 9998CF

■ 010B36

■ B4B2EB

■ 000220

■ D0CEFF

■ 000004

■ ECEAFF

■ 000000

■ 4B4D7E

■ 4B4D7E

■ 3E417E

■ 58597E

■ 32357E

■ 64657E

■ 25297E

■ 71717E

■ 191D7E

■ 7D7D7E

■ 0C107E

■ 8A8A7E

■ 00057E

■ 97967E

■ A3A27E

■ B0AE7E

■ BCBA7E

Harmonies

Analogous

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



125682



4B4D7E



6B436E

Triad

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



4B4D7E



76452B



005D4B

Complementary

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



4B4D7E



7E7C4B

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.



2F5B34



4B4D7E



644E1F

Square

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



4B4D7E



7F3E3F



4C5623



005E64

Rectangle

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



4B4D7E



783F60



4C5623



0F5D43

Sweetspot

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



4B4D7E



9090A3



4B7E7B



464752



D1D1D1



525252

Same Dimension

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



4B4D7E



5356A3



624B7E



393A40



000580



000000

Inverse Universe

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



7E4B4D



A35356



677E4B



40393A



800005



000000

Previews

White Background



This preview shows how the Hex color 4B4D7E looks on a white background.

Color Contrast Check

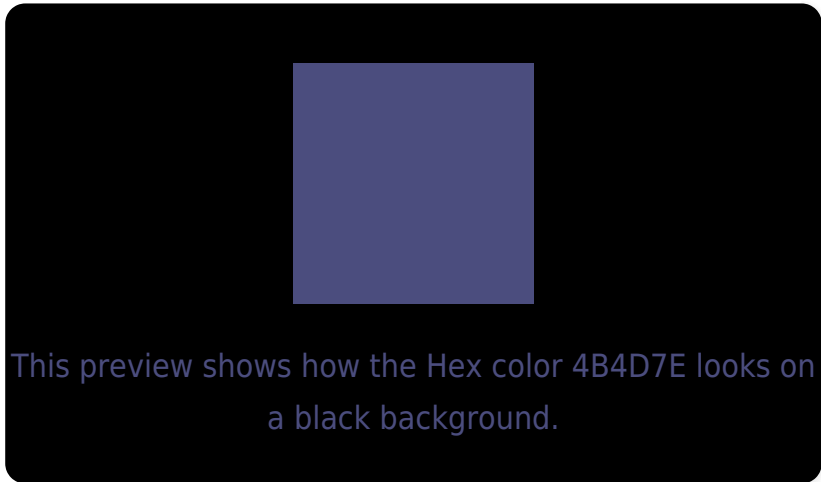
Large Text (above 18pt) WCAG AA ✓ Pass

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

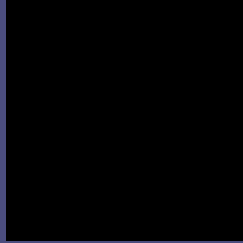
Any Text WCAG AA × Fail

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 4B4D7E Background



This preview shows how black text looks on a background with the Hex color 4B4D7E.

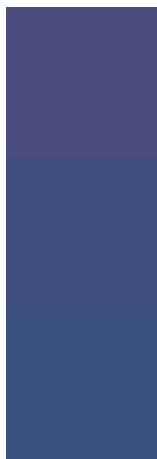


This preview shows how white text looks on a background with the Hex color 4B4D7E.

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
4B4D7E

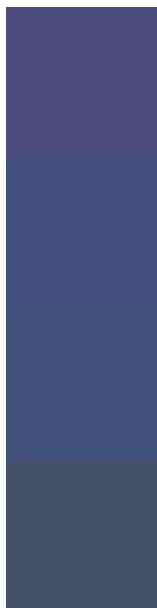
Protanopia
3F5080

Deuteranopia
3B517D



Tritanopia
42545B

Trichromacy



Original Color

4B4D7E

Protanomaly

434F7F

Deuteranomaly

41507D

Tritanomaly

455168

Monochromacy



Original Color

4B4D7E

Achromatopsia

525252

Achromatomaly

4F5062

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B4D7E 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 #4B4D7E looks like.

```
.text, #text, p{  
    color:#4B4D7E  
}
```

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 #4B4D7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B4D7E
}
```

Border

The CSS property to change the border of an element to Hex 4B4D7E 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
#4B4D7E }
```

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

```
.border{ border-color:#4B4D7E }
```

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

Here you see how a box with a 4 pixel #4B4D7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B4D7E; -webkit-box-shadow:4px 4px  
4px 4px #4B4D7E; box-shadow:4px 4px 4px  
4px #4B4D7E }
```

Background

The CSS property to change the background color of an element to Hex 4B4D7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B4D7E }
```

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

```
.background{ background-color:#4B4D7E }
```

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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