

Converting Colors

Hex(4E7BAB)

Have a look what the booklet for
Hex(4E7BAB) contains.

Hex(4E7BAB)	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(4E7BAB)

Conversions

Conversions Part 1

Format	Color
Hex	4E7BAB
RGB	78, 123, 171
RGB Percent	31%, 48%, 67%
CMY	0.6941, 0.5176, 0.3294
CMYK	0.54, 0.28, 0.00, 0.33
HSL	211°, 37%, 49%
HSV	211°, 54%, 67%
XYZ	17.5755, 18.7259, 41.2162
YIQ	115.0170, -42.2280, 5.3880

Conversions

Conversions Part 2

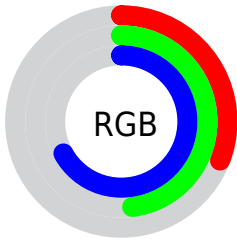
Format	Color
R_{YB}	78, 108, 171
Decimal	5143467
CIE _{Lab}	50.36, -1.20, -30.25
CIE _{LCh}	50, 30.278, 267.731
Yxy	18.7259, 0.2267, 0.2416
Android (android.graphics.Color)	4283333547 (0xFF4E7BAB)
YUV	115.0170, 27.5996, -32.4639
Hunter-Lab	43.2734, -3.2306, -26.1800

Details

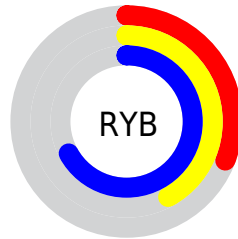
The Hex color **4E7BAB** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AB7E4E**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **85AFE3**, and **0D4B76** is the 20% darker color. If you saturate the color by 10%, you get **3D72AB**, and if you desaturate by 10%, it is **5F84AB**.

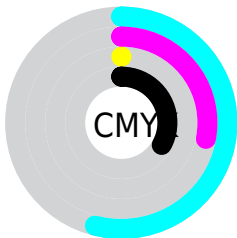
Distribution



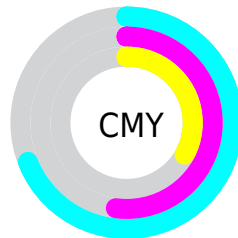
- Red (31%)
- Green (48%)
- Blue (67%)



- Red (31%)
- Yellow (42%)
- Blue (67%)



- Cyan (54%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)



- Cyan (69%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7BAB 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 4E7BAB by changing the saturation by 10% instead.

■ 4E7BAB

■ 4E7BAB

FFFFFF

■ 326290

■ 85AFE3

■ 0D4B76

■ A1CBFF

■ 00345E

■ BDE7FF

■ 001F46

■ DAFFFF

■ 00062F

■ F7FFFF

■ 00011A

■ 000000

■ 4E7BAB

■ 4E7BAB

■ 3D72AB

■ 5F84AB

■ 2C69AB

■ 708DAB

■ 1B61AB

■ 8195AB

■ 0A58AB

■ 929EAB

■ 0053AB

■ A3A7AB

■ B5B0AB

■ C6B9AB

■ D7C2AB

■ E8CAAB

Harmonies

Analogous

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



1A82A3



4E7BAB



7872A5

Triad

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



4E7BAB



A96561



51835B

Complementary

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



4E7BAB



AB7E4E

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.



707E49



4E7BAB



9F6D4D

Square

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



4E7BAB



A7647B



8A7644



2D8575

Rectangle

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



4E7BAB



8E6C9B



8A7644



5C8154

Sweetspot

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



4E7BAB



BACCDE



4EAB7C



5B6570



F0F0F0



707070

Same Dimension

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



4E7BAB



4E93DE



4E4EAB



4E5257



004996



000B17

Inverse Universe

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



AB4E7B



DE4E93



ABAB4E



574E52



960049



17000B

Previews

White Background



This preview shows how the Hex color 4E7BAB looks on a white background.

Color Contrast Check

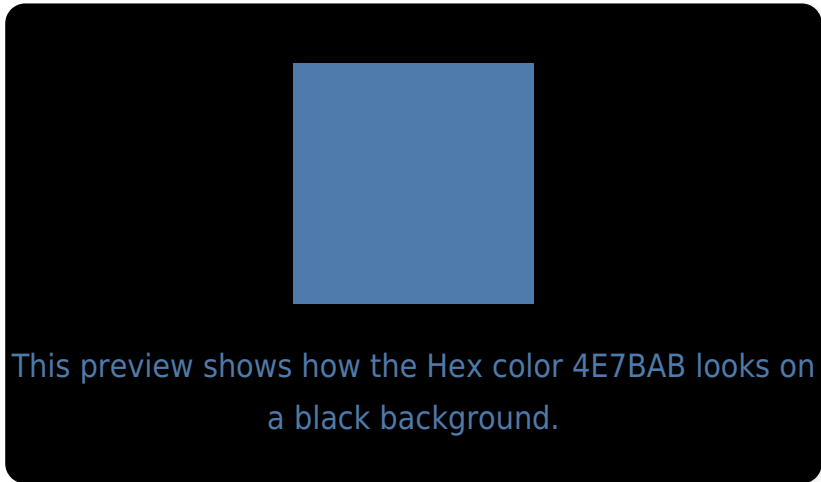
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E7BAB Background



This preview shows how black text looks on a background with the Hex color 4E7BAB.

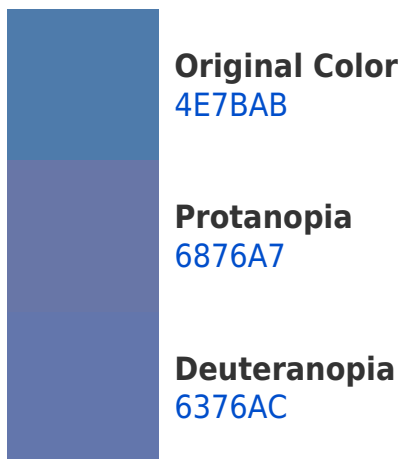


This preview shows how white text looks on a background with the Hex color 4E7BAB.

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](#).

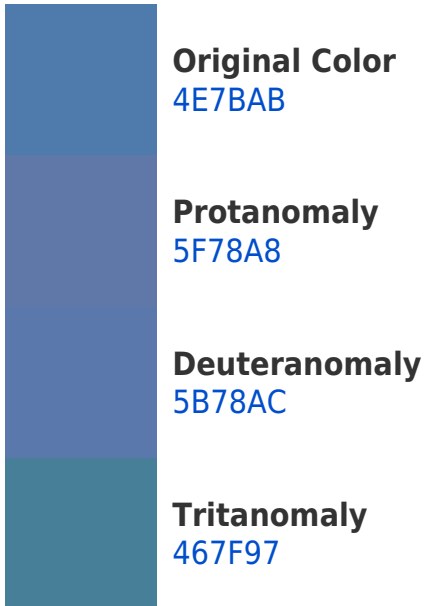
Dichromacy



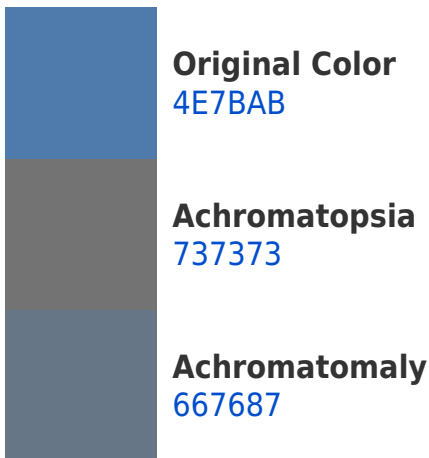


Tritanopia
42818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7BAB 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 #4E7BAB looks like.

```
.text, #text, p{  
    color:#4E7BAB  
}
```

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 #4E7BAB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7BAB
}
```

Border

The CSS property to change the border of an element to Hex 4E7BAB 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
#4E7BAB }
```

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

```
.border{ border-color:#4E7BAB }
```

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

Here you see how a box with a 4 pixel #4E7BAB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7BAB; -webkit-box-shadow:4px 4px  
4px 4px #4E7BAB; box-shadow:4px 4px 4px  
4px #4E7BAB }
```

Background

The CSS property to change the background color of an element to Hex 4E7BAB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7BAB }
```

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

```
.background{ background-color:#4E7BAB }
```

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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