

Converting Colors

Hex(4E7EAC)

Have a look what the booklet for
Hex(4E7EAC) contains.

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Color

Hex(4E7EAC)

Conversions

Conversions Part 1

Format	Color
Hex	4E7EAC
RGB	78, 126, 172
RGB Percent	31%, 49%, 67%
CMY	0.6941, 0.5059, 0.3255
CMYK	0.55, 0.27, 0.00, 0.33
HSL	209°, 38%, 49%
HSV	209°, 55%, 67%
XYZ	18.0491, 19.5200, 41.8462
YIQ	116.8920, -43.3740, 4.1300

Conversions

Conversions Part 2

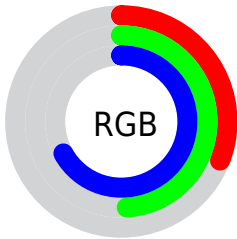
Format	Color
R_{YB}	78, 110, 172
Decimal	5144236
CIE _{Lab}	51.29, -2.65, -29.39
CIE _{LCh}	51, 29.512, 264.847
Yxy	19.5200, 0.2273, 0.2458
Android (android.graphics.Color)	4283334316 (0xFF4E7EAC)
YUV	116.8920, 27.1682, -34.1083
Hunter-Lab	44.1814, -4.3961, -25.2292

Details

The Hex color **4E7EAC** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **AC7C4E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **85B3E4**, and **0D4D77** is the 20% darker color. If you saturate the color by 10%, you get **3D76AC**, and if you desaturate by 10%, it is **5F86AC**.

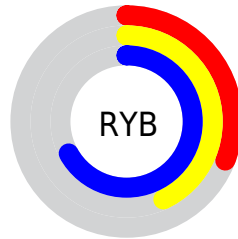
Distribution



Red (31%)

Green (49%)

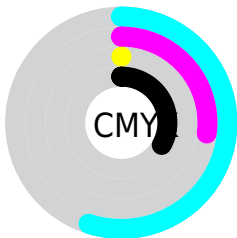
Blue (67%)



Red (31%)

Yellow (43%)

Blue (67%)

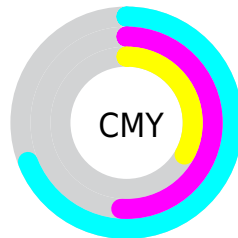


Cyan (55%)

Magenta (27%)

Yellow (0%)

Black (33%)



Cyan (69%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E7EAC 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 4E7EAC by changing the saturation by 10% instead.

■ 4E7EAC

■ 4E7EAC

FFFFFF

■ 316591

■ 85B3E4

■ 0D4D77

■ A1CEFF

■ 00375F

■ BDEAFF

■ 002247

■ DAFFFF

■ 000A30

■ F7FFFF

■ 00011A

■ 000000

■ 4E7EAC

■ 4E7EAC

■ 3D76AC

■ 5F86AC

■ 2C6DAC

■ 708FAC

■ 1A65AC

■ 8297AC

■ 095CAC

■ 93A0AC

■ 0058AC

■ A4A8AC

■ B5B1AC

■ C6B9AC

■ D8C1AC

■ E9CAAC

Harmonies

Analogous

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



2084A3



4E7EAC



7775A8

Triad

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



4E7EAC



AB6866



58855C

Complementary

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



4E7EAC



AC7C4E

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.



757F4C



4E7EAC



A26E52

Square

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



4E7EAC



A86780



8F7748



368775

Rectangle

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



4E7EAC



8D6F9E



8F7748



628356

Sweetspot

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



4E7EAC



BCCFE0



4EAC7B



5B6670



F0F0F0



707070

Same Dimension

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



4E7EAC



4C98E0



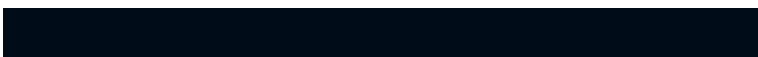
4E50AC



4E5257



004D96



000C17

Inverse Universe

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



AC4E7E



E04C98



ACAA4E



574E52



96004D



17000C

Previews

White Background



This preview shows how the Hex color 4E7EAC looks on a white background.

Color Contrast Check

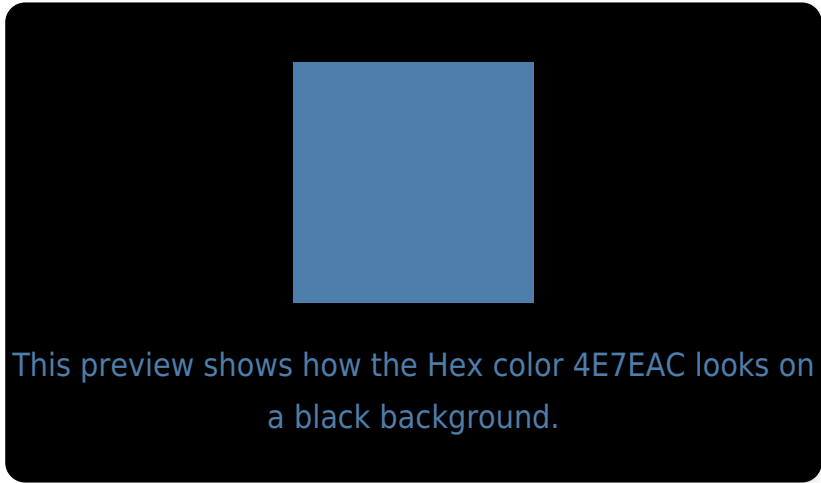
Large Text (above 18pt) WCAG AA ✓ Pass

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

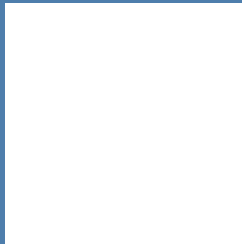
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4E7EAC Background



This preview shows how black text looks on a background with the Hex color 4E7EAC.

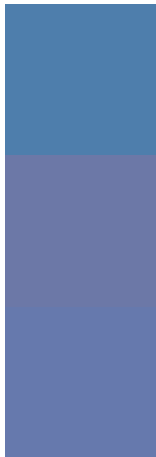


This preview shows how white text looks on a background with the Hex color 4E7EAC.

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
4E7EAC

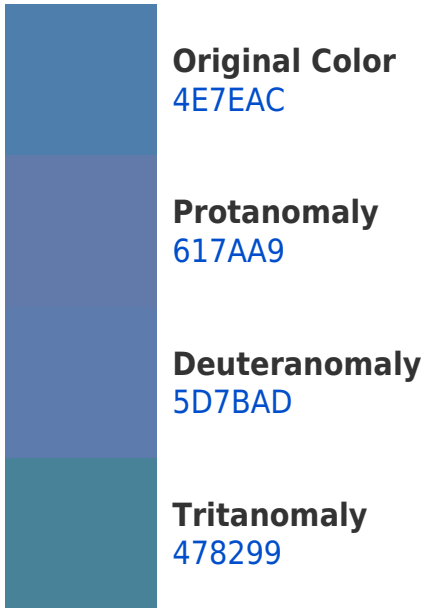
Protanopia
6C78A7

Deuteranopia
6679AD

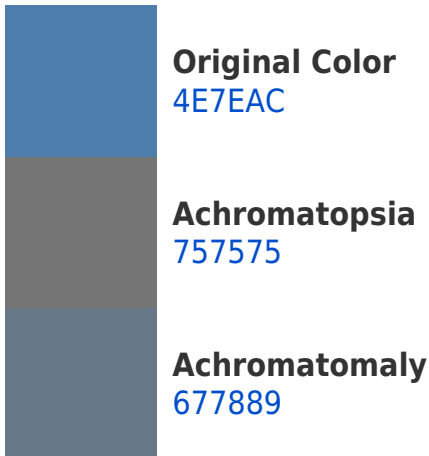


Tritanopia
43848E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E7EAC 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 #4E7EAC looks like.

```
.text, #text, p{  
    color:#4E7EAC  
}
```

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 #4E7EAC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E7EAC
}
```

Border

The CSS property to change the border of an element to Hex 4E7EAC 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
#4E7EAC }
```

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

```
.border{ border-color:#4E7EAC }
```

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

Here you see how a box with a 4 pixel #4E7EAC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E7EAC; -webkit-box-shadow:4px 4px  
4px 4px #4E7EAC; box-shadow:4px 4px 4px  
4px #4E7EAC }
```

Background

The CSS property to change the background color of an element to Hex 4E7EAC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E7EAC }
```

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

```
.background{ background-color:#4E7EAC }
```

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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awesome pro features!

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