

Converting Colors

Hex(4E4E80)

Have a look what the booklet for
Hex(4E4E80) contains.

Hex(4E4E80)	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(4E4E80)

Conversions

Conversions Part 1

Format	Color
Hex	4E4E80
RGB	78, 78, 128
RGB Percent	31%, 31%, 50%
CMY	0.6941, 0.6941, 0.4980
CMYK	0.39, 0.39, 0.00, 0.50
HSL	240°, 24%, 40%
HSV	240°, 39%, 50%
XYZ	9.7626, 8.6270, 21.5727
YIQ	83.7000, -16.0500, 15.5500

Conversions

Conversions Part 2

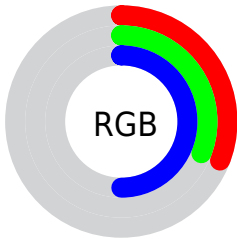
Format	Color
R_{YB}	78, 78, 128
Decimal	5131904
CIE Lab	35.26, 13.23, -28.22
CIE LCh	35, 31.169, 295.114
Yxy	8.6270, 0.2443, 0.2159
Android (android.graphics.Color)	4283321984 (0xFF4E4E80)
YUV	83.7000, 21.8399, -4.9989
Hunter-Lab	29.3717, 7.9291, -22.9866

Details

The Hex color **4E4E80** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **80804E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **817FB5**, and **1D224E** is the 20% darker color. If you saturate the color by 10%, you get **414180**, and if you desaturate by 10%, it is **5B5B80**.

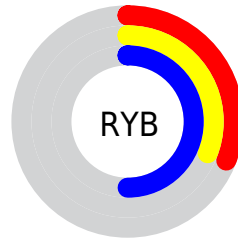
Distribution



Red (31%)

Green (31%)

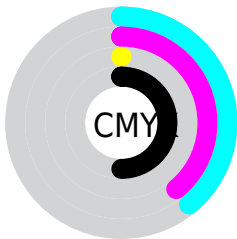
Blue (50%)



Red (31%)

Yellow (31%)

Blue (50%)

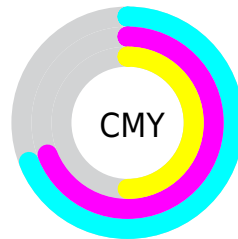


Cyan (39%)

Magenta (39%)

Yellow (0%)

Black (50%)



Cyan (69%)

Magenta (69%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E4E80 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 4E4E80 by changing the saturation by 10% instead.

■ 4E4E80

■ 4E4E80

FFFFFF

■ 353767

■ 817FB5

■ 1D224E

■ 9C99D1

■ 030D37

■ B7B4ED

■ 000221

■ D3CFFF

■ 000007

■ FOEBFF

■ 000000

■ 4E4E80

■ 4E4E80

■ 414180

■ 5B5B80

■ 343480

■ 686880

■ 282880

■ 747480

■ 1B1B80

■ 818180

■ 0E0E80

■ 8E8E80

■ 010180

■ 9B9B80

■ 000080

■ A8A880

■ B4B480

■ C1C180

Harmonies

Analogous

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



165784



4E4E80



6E4470

Triad

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



4E4E80



77472B



005F4E

Complementary

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



4E4E80



80804E

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.



2E5D35



4E4E80



655020

Square

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



4E4E80



813F3F



4D5824



005F67

Rectangle

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



4E4E80



7B3F60



4D5824



0B5F45

Sweetspot

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



4E4E80



9292A6



4E8080



484854



D4D4D4



545454

Same Dimension

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



4E4E80



5858A6



674E80



393940



000080



000000

Inverse Universe

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



804E80



A658A6



67804E



403940



800080



000000

Previews

White Background



This preview shows how the Hex color 4E4E80 looks on a white background.

Color Contrast Check

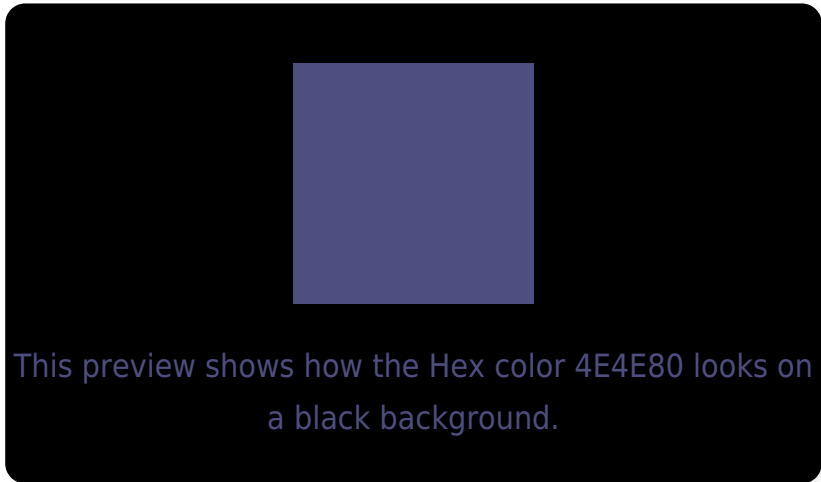
Large Text (above 18pt) WCAG AA ✓ Pass

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 4E4E80 Background



This preview shows how black text looks on a background with the Hex color 4E4E80.



This preview shows how white text looks on a background with the Hex color 4E4E80.

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](#).

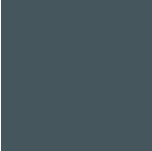
Dichromacy



Original Color
4E4E80

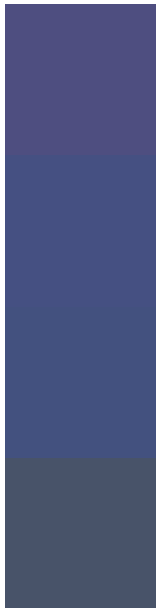
Protanopia
405183

Deuteranopia
3D537F



Tritanopia
45565C

Trichromacy



Original Color
4E4E80

Protanomaly
455082

Deuteranomaly
43517F

Tritanomaly
485369

Monochromacy



Original Color
4E4E80

Achromatopsia
545454

Achromatomaly
525264

CSS Examples

Text

The CSS property to change the color of the text to Hex 4E4E80 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 #4E4E80 looks like.

```
.text, #text, p{  
    color:#4E4E80  
}
```

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 #4E4E80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E4E80  
}
```

Border

The CSS property to change the border of an element to Hex 4E4E80 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  
#4E4E80 }
```

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

```
.border{ border-color:#4E4E80 }
```

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

Here you see how a box with a 4 pixel #4E4E80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E4E80; -webkit-box-shadow:4px 4px  
4px 4px #4E4E80; box-shadow:4px 4px 4px  
4px #4E4E80 }
```

Background

The CSS property to change the background color of an element to Hex 4E4E80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E4E80 }
```

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

```
.background{ background-color:#4E4E80 }
```

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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