

# Converting Colors

Hex(4E8296)

Have a look what the booklet for  
Hex(4E8296) contains.

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# Color

**Hex(4E8296)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E8296
RGB	78, 130, 150
RGB Percent	31%, 51%, 59%
CMY	0.6941, 0.4902, 0.4118
CMYK	0.48, 0.13, 0.00, 0.41
HSL	197°, 32%, 45%
HSV	197°, 48%, 59%
XYZ	16.6295, 19.7870, 31.7970
YIQ	116.7320, -37.4120, -4.8040

# Conversions

## Conversions Part 2

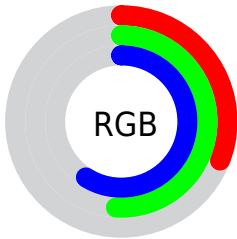
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 108, 150
Decimal	5145238
CIE <sub>Lab</sub>	51.60, -11.71, -16.15
CIE <sub>LCh</sub>	52, 19.944, 234.052
Yxy	19.7870, 0.2438, 0.2901
Android (android.graphics.Color)	4283335318 (0xFF4E8296)
YUV	116.7320, 16.4011, -33.9680
Hunter-Lab	44.4826, -11.1133, -11.2438

# Details

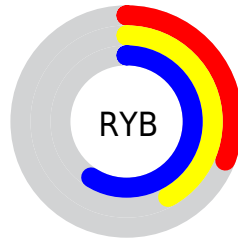
The Hex color **4E8296** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96624E**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **83B7CC**, and **165163** is the 20% darker color. If you saturate the color by 10%, you get **3F7E96**, and if you desaturate by 10%, it is **5D8696**.

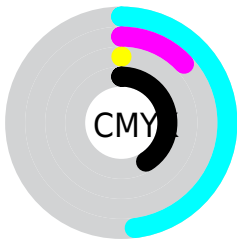
# Distribution



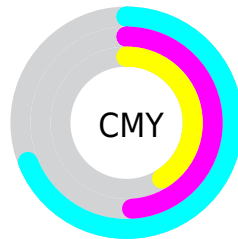
- Red (31%)
- Green (51%)
- Blue (59%)



- Red (31%)
- Yellow (42%)
- Blue (59%)



- Cyan (48%)
- Magenta (13%)
- Yellow (0%)
- Black (41%)



- Cyan (69%)
- Magenta (49%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8296 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 4E8296 by changing the saturation by 10% instead.





4E8296



4E8296

FFFFFF



33697C



83B7CC



165163



9FD3E8



003A4B



BAEFFF



002435



D7FFFF



000D20



F4FFFF



000004



000000



4E8296



4E8296



3F7E96



5D8696

■ 307A96

■ 6C8A96

■ 217596

■ 7B8E96

■ 127196

■ 8A9396

■ 036D96

■ 999796

■ 006C96

■ A89B96

■ B79F96

■ C6A396

■ D5A896

# Harmonies

## Analogous

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



498488



4E8296



617E9D

# Triad

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



4E8296



9A6F7F



797E5C

# Complementary

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



4E8296



96624E

# 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.



8B7959



4E8296



9E6F6E

# Square

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



4E8296



8E728F



987360



658266

# Rectangle

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



4E8296



717A9C



987360



7F7C5A



# Sweetspot

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



4E8296



A7BAC2



4E9661



505C61



E0E0E0



616161



# Same Dimension

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



4E8296



51A3C2



4E5F96



43484A



00638A



00070A



# Inverse Universe

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



964E82



C251A3



96854E



4A4348



8A0063

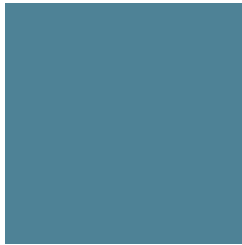


0A0007



# Previews

## White Background



This preview shows how the Hex color 4E8296 looks on a white background.

## Color Contrast Check

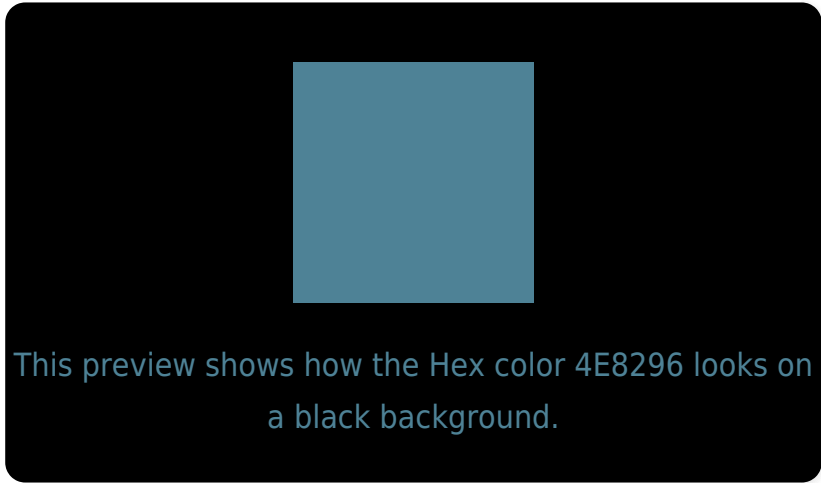
Large Text (above 18pt) WCAG AA ✓ Pass

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

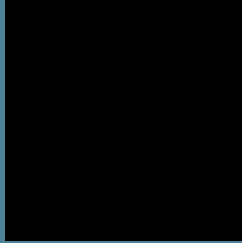
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E8296 Background



This preview shows how black text looks on a background with the Hex color 4E8296.

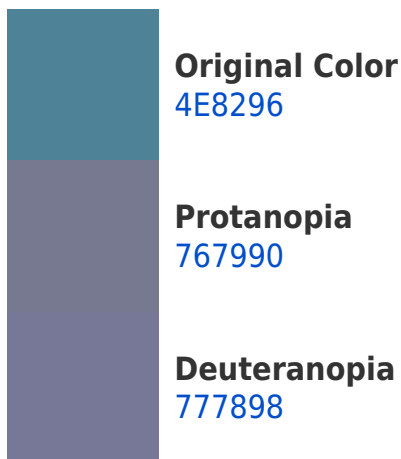


This preview shows how white text looks on a background with the Hex color 4E8296.

# 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](#).

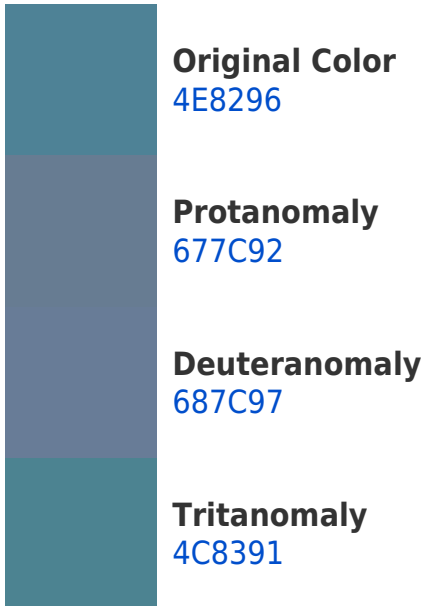
## Dichromacy



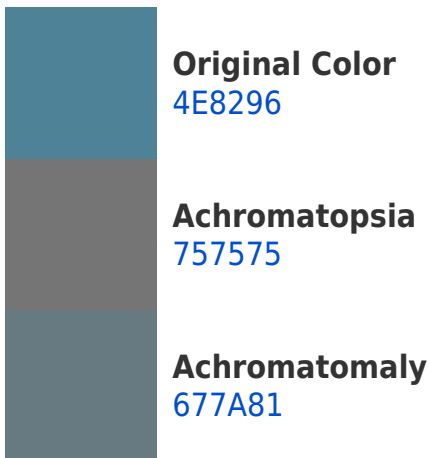


**Tritanopia**  
4B838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8296 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 #4E8296 looks like.

```
.text, #text, p{  
    color:#4E8296  
}
```

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 #4E8296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8296
}
```

## Border

The CSS property to change the border of an element to Hex 4E8296 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
#4E8296 }
```

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

```
.border{ border-color:#4E8296 }
```

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

Here you see how a box with a 4 pixel #4E8296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8296; -webkit-box-shadow:4px 4px  
4px 4px #4E8296; box-shadow:4px 4px 4px  
4px #4E8296 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8296 }
```

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

```
.background{ background-color:#4E8296 }
```

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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