

# Converting Colors

Hex(4E9296)

Have a look what the booklet for  
Hex(4E9296) contains.

<b>Hex(4E9296)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4E9296)

# Conversions

## Conversions Part 1

Format	Color
Hex	4E9296
RGB	78, 146, 150
RGB Percent	31%, 57%, 59%
CMY	0.6941, 0.4275, 0.4118
CMYK	0.48, 0.03, 0.00, 0.41
HSL	183°, 32%, 45%
HSV	183°, 48%, 59%
XYZ	18.9258, 24.3795, 32.5624
YIQ	126.1240, -41.8120, -13.1720

# Conversions

## Conversions Part 2

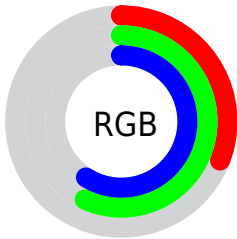
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 113, 150
Decimal	5149334
CIELab	56.47, -20.38, -8.81
CIELCh	56, 22.201, 203.367
Yxy	24.3795, 0.2495, 0.3213
Android (android.graphics.Color)	4283339414 (0xFF4E9296)
YUV	126.1240, 11.7709, -42.2047
Hunter-Lab	49.3756, -17.9877, -4.5379

# Details

The Hex color **4E9296** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96524E**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **84C8CC**, and **125F63** is the 20% darker color. If you saturate the color by 10%, you get **3F9196**, and if you desaturate by 10%, it is **5D9396**.

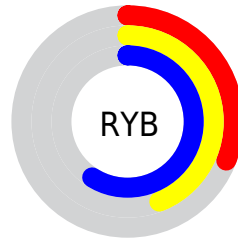
# Distribution



Red (31%)

Green (57%)

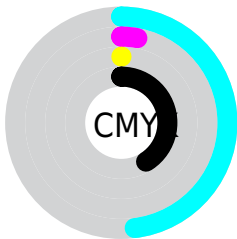
Blue (59%)



Red (31%)

Yellow (44%)

Blue (59%)

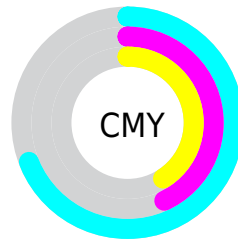


Cyan (48%)

Magenta (3%)

Yellow (0%)

Black (41%)



Cyan (69%)

Magenta (43%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E9296 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 4E9296 by changing the saturation by 10% instead.





4E9296



4E9296

FFFFFF



32787C



84C8CC



125F63



A0E4E8



00474B



BCFFFF



003035



D8FFFF



001D20



F6FFFF



000007



000000



4E9296



4E9296



3F9196



5D9396

■ 309096

■ 6C9496

■ 218F96

■ 7B9596

■ 128F96

■ 8A9596

■ 038E96

■ 999696

■ 008E96

■ A89796

■ B79896

■ C69996

■ D59A96

# Harmonies

## Analogous

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



5B9282



4E9296



538FA6

# Triad

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



4E9296



9C7E9F



9A8561

# Complementary

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



4E9296



96524E

# 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.



A87E69



4E9296



AB7A8D

# Square

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



4E9296



8584AB



AF7A79



868B64

# Rectangle

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



4E9296



618CAC



AF7A79



9F8363



# Sweetspot

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



4E9296



A7C0C2



4E9652



506061



E0E0E0



616161



# Same Dimension

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



4E9296



51BCC2



4E6E96



434A4A



00828A



000A0A



# Inverse Universe

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



964E92



C251BC



96764E



4A434A



8A0082

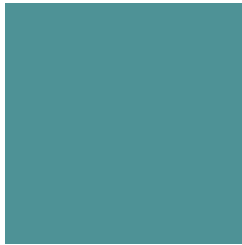


0A000A



# Previews

## White Background



This preview shows how the Hex color 4E9296 looks on a white background.

## Color Contrast Check

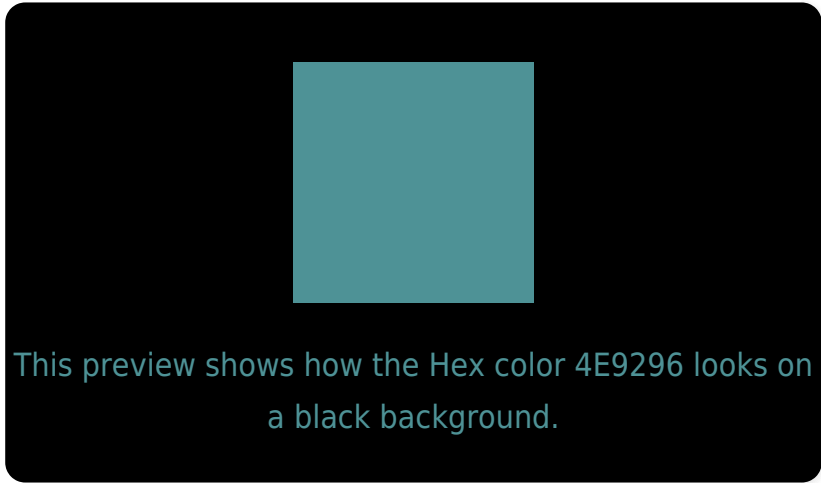
Large Text (above 18pt) WCAG AA ✓ Pass

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

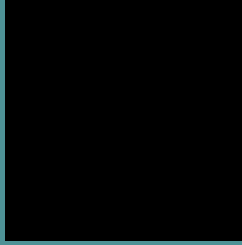
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E9296 Background



This preview shows how black text looks on a background with the Hex color 4E9296.

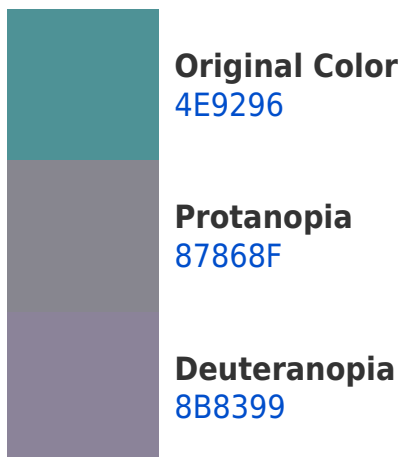



This preview shows how white text looks on a background with the Hex color 4E9296.

# 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**  
50919D

# Trichromacy



**Original Color**  
4E9296

**Protanomaly**  
728A92

**Deuteranomaly**  
758898

**Tritanomaly**  
4F919A

# Monochromacy



**Original Color**  
4E9296

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
6D8587

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E9296 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 #4E9296 looks like.

```
.text, #text, p{  
    color:#4E9296  
}
```

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 #4E9296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E9296  
}
```

## Border

The CSS property to change the border of an element to Hex 4E9296 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  
#4E9296 }
```

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

```
.border{ border-color:#4E9296 }
```

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

Here you see how a box with a 4 pixel #4E9296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E9296; -webkit-box-shadow:4px 4px  
4px 4px #4E9296; box-shadow:4px 4px 4px  
4px #4E9296 }
```

# Background

The CSS property to change the background color of an element to Hex 4E9296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E9296 }
```

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

```
.background{ background-color:#4E9296 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor