

# Converting Colors

Hex(4E8E91)

Have a look what the booklet for  
Hex(4E8E91) contains.

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# Color

**Hex(4E8E91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4E8E91
RGB	78, 142, 145
RGB Percent	31%, 56%, 57%
CMY	0.6941, 0.4431, 0.4314
CMYK	0.46, 0.02, 0.00, 0.43
HSL	183°, 30%, 44%
HSV	183°, 46%, 57%
XYZ	17.9257, 23.0100, 30.2847
YIQ	123.2060, -39.1070, -12.6350

# Conversions

## Conversions Part 2

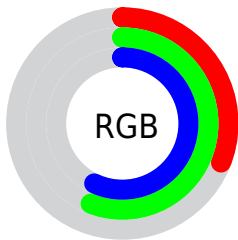
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 111, 145
Decimal	5148305
CIE <sub>Lab</sub>	55.08, -19.65, -8.00
CIE <sub>LCh</sub>	55, 21.219, 202.138
Yxy	23.0100, 0.2517, 0.3231
Android (android.graphics.Color)	4283338385 (0xFF4E8E91)
YUV	123.2060, 10.7444, -39.6457
Hunter-Lab	47.9688, -17.2407, -3.8541

# Details

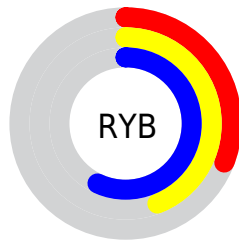
The Hex color **4E8E91** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **91514E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **84C4C7**, and **155B5F** is the 20% darker color. If you saturate the color by 10%, you get **408D91**, and if you desaturate by 10%, it is **5D8F91**.

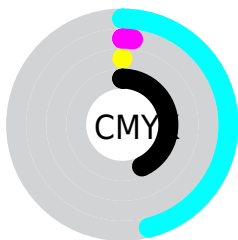
# Distribution



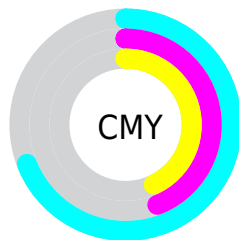
- Red (31%)
- Green (56%)
- Blue (57%)



- Red (31%)
- Yellow (44%)
- Blue (57%)



- Cyan (46%)
- Magenta (2%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (44%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4E8E91 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 4E8E91 by changing the saturation by 10% instead.





4E8E91



4E8E91

FFFFFF



337477



84C4C7



155B5F



9FE0E3



004447



BBFDFF



002D31



D7FFFF



001A1C



F5FFFF



000000



4E8E91



4E8E91



408D91



5D8F91



318D91



6B8F91

■ 238C91

■ 7A9091

■ 148B91

■ 889191

■ 068B91

■ 979191

■ 008B91

■ A59291

■ B49391

■ C29391

■ D19491

# Harmonies

## Analogous

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



5A8E7E



4E8E91



528CA0

# Triad

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



4E8E91



977B9B



968160

# Complementary

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



4E8E91



91514E

# 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.



A47B68



4E8E91



A57789

# Square

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



4E8E91



8081A6



A97777



838762

# Rectangle

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



4E8E91



5F89A6



A97777



9B7F61



# Sweetspot

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



4E8E91



A2BCBD



4E9150



4E5E5E



DEDEDE



5E5E5E



# Same Dimension

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



4E8E91



55B8BD



4E6D91



404747



008187



000708



# Inverse Universe

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



914E8E



BD55B8



91724E



474047



870081

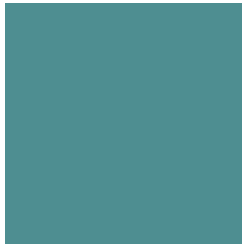


080007



# Previews

## White Background



This preview shows how the Hex color 4E8E91 looks on a white background.

## Color Contrast Check

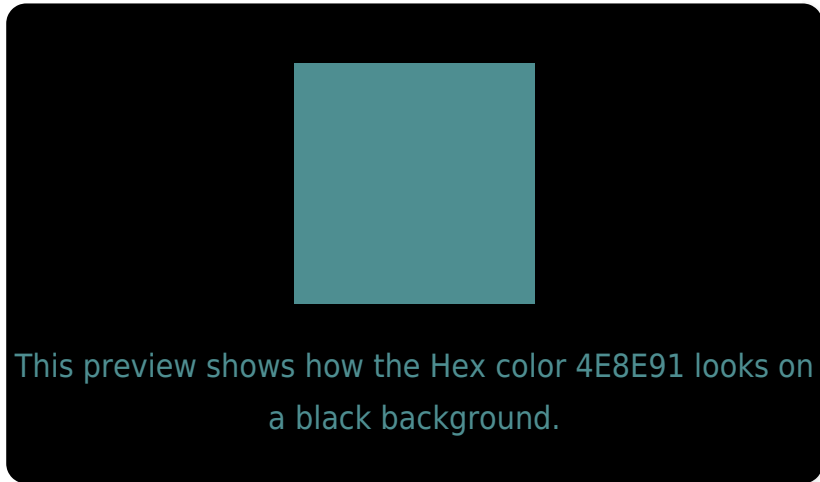
Large Text (above 18pt) WCAG AA ✓ Pass

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

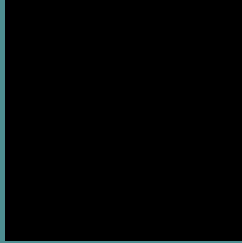
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4E8E91 Background



This preview shows how black text looks on a background with the Hex color 4E8E91.

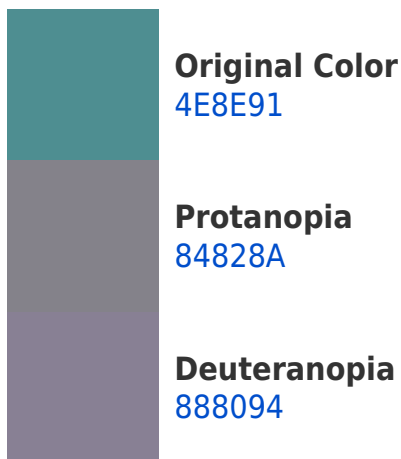


This preview shows how white text looks on a background with the Hex color 4E8E91.

# 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**  
508D98

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4E8E91 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 #4E8E91 looks like.

```
.text, #text, p{  
    color:#4E8E91  
}
```

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 #4E8E91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8E91
}
```

## Border

The CSS property to change the border of an element to Hex 4E8E91 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
#4E8E91 }
```

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

```
.border{ border-color:#4E8E91 }
```

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

Here you see how a box with a 4 pixel #4E8E91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8E91; -webkit-box-shadow:4px 4px  
4px 4px #4E8E91; box-shadow:4px 4px 4px  
4px #4E8E91 }
```

# Background

The CSS property to change the background color of an element to Hex 4E8E91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8E91 }
```

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

```
.background{ background-color:#4E8E91 }
```

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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