

Converting Colors

Hex(4E8992)

Have a look what the booklet for
Hex(4E8992) contains.

Hex(4E8992)	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(4E8992)

Conversions

Conversions Part 1

Format	Color
Hex	4E8992
RGB	78, 137, 146
RGB Percent	31%, 54%, 57%
CMY	0.6941, 0.4627, 0.4275
CMYK	0.47, 0.06, 0.00, 0.43
HSL	188°, 30%, 44%
HSV	188°, 47%, 57%
XYZ	17.2759, 21.5863, 30.4502
YIQ	120.3850, -38.0530, -9.7090

Conversions

Conversions Part 2

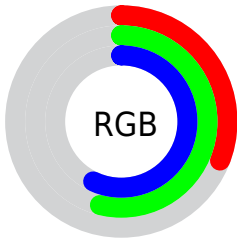
Format	Color
R_{YB}	78, 110, 146
Decimal	5147026
CIE _{Lab}	53.59, -16.71, -10.81
CIE _{LCh}	54, 19.903, 212.914
Yxy	21.5863, 0.2492, 0.3114
Android (android.graphics.Color)	4283337106 (0xFF4E8992)
YUV	120.3850, 12.6282, -37.1716
Hunter-Lab	46.4611, -14.9344, -6.3353

Details

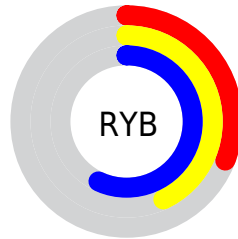
The Hex color **4E8992** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **92574E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **83BFC8**, and **165760** is the 20% darker color. If you saturate the color by 10%, you get **3F8792**, and if you desaturate by 10%, it is **5D8B92**.

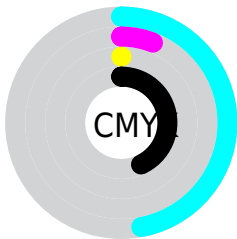
Distribution



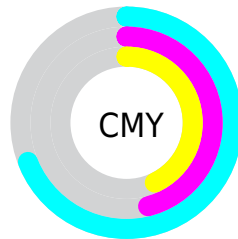
- Red (31%)
- Green (54%)
- Blue (57%)



- Red (31%)
- Yellow (43%)
- Blue (57%)



- Cyan (47%)
- Magenta (6%)
- Yellow (0%)
- Black (43%)



- Cyan (69%)
- Magenta (46%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E8992 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 4E8992 by changing the saturation by 10% instead.



4E8992



4E8992

FFFFFF



337078



83BFC8



165760



9FDAE4



003F48



BBF7FF



002931



D7FFFF



00161C



F4FFFF



000000



4E8992



4E8992



3F8792



5D8B92



318592



6B8D92

■ 228392

■ 7A8F92

■ 148192

■ 889192

■ 057F92

■ 979392

■ 007F92

■ A69592

■ B49792

■ C39892

■ D19A92

Harmonies

Analogous

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



548A81



4E8992



58869E

Triad

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



4E8992



987690



8B7F5E

Complementary

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



4E8992



92574E

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.



9A7A62



4E8992



A2747F

Square

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



4E8992



857B9D



A2756E



788563

Rectangle

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



4E8992



6683A2



A2756E



917E5E

Sweetspot

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



4E8992



A2B9BD



4E9256



4E5C5E



DEDEDE



5E5E5E

Same Dimension

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



4E8992



53AFBD



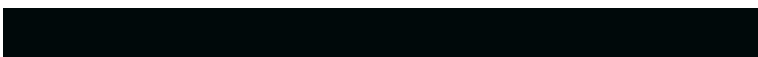
4E6892



43494A



00778A



00090A

Inverse Universe

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



924E89



BD53AF



92784E



4A4349



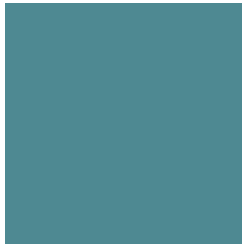
8A0077



0A0009

Previews

White Background



This preview shows how the Hex color 4E8992 looks on a white background.

Color Contrast Check

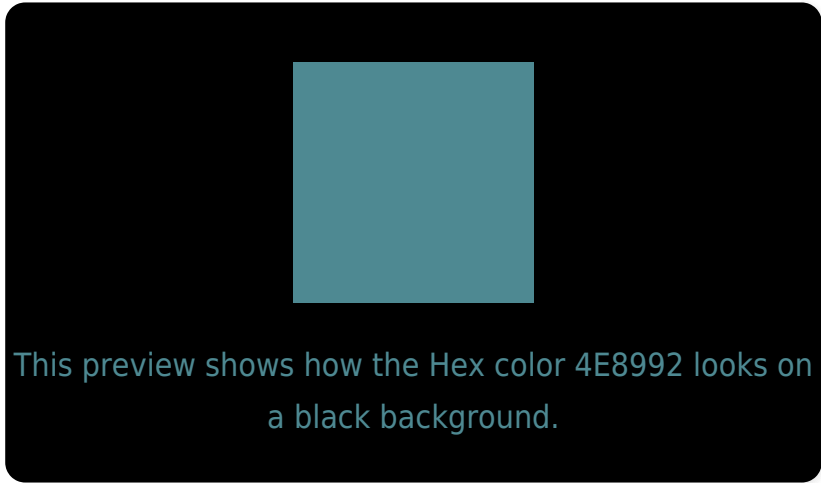
Large Text (above 18pt) WCAG AA ✓ Pass

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

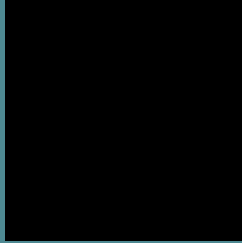
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

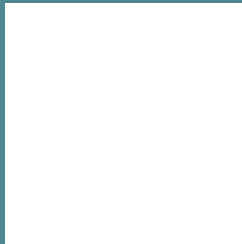
Any Text WCAG AAA × Fail

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

Hex 4E8992 Background



This preview shows how black text looks on a background with the Hex color 4E8992.



This preview shows how white text looks on a background with the Hex color 4E8992.

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
4E8992

Protanopia
7E7F8B

Deuteranopia
827C95

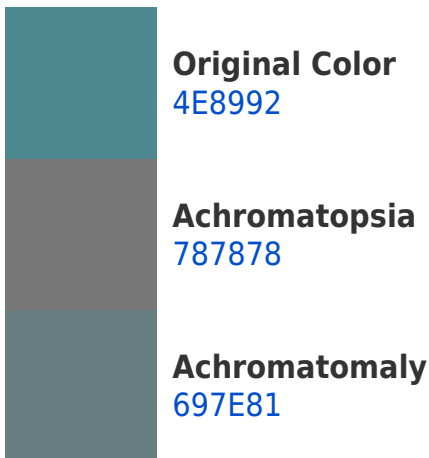


Tritanopia
4F8994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E8992 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 #4E8992 looks like.

```
.text, #text, p{  
    color:#4E8992  
}
```

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 #4E8992 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E8992
}
```

Border

The CSS property to change the border of an element to Hex 4E8992 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
#4E8992 }
```

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

```
.border{ border-color:#4E8992 }
```

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

Here you see how a box with a 4 pixel #4E8992 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E8992; -webkit-box-shadow:4px 4px  
4px 4px #4E8992; box-shadow:4px 4px 4px  
4px #4E8992 }
```

Background

The CSS property to change the background color of an element to Hex 4E8992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E8992 }
```

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

```
.background{ background-color:#4E8992 }
```

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