

Converting Colors

Hex(4E98B2)

Have a look what the booklet for
Hex(4E98B2) contains.

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Color

Hex(4E98B2)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 4E98B2 |
| RGB | 78, 152, 178 |
| RGB Percent | 31%, 60%, 70% |
| CMY | 0.6941, 0.4039, 0.3020 |
| CMYK | 0.56, 0.15, 0.00, 0.30 |
| HSL | 196°, 39%, 50% |
| HSV | 196°, 56%, 70% |
| XYZ | 22.4060, 27.2905, 46.2062 |
| YIQ | 132.8380, -52.4500, -7.6020 |

Conversions

Conversions Part 2

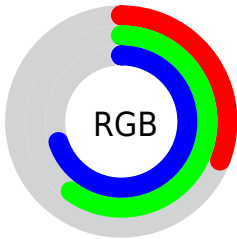
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 78, 121, 178 |
| Decimal | 5150898 |
| CIE _{Lab} | 59.24, -15.45, -20.57 |
| CIE _{LCh} | 59, 25.722, 233.089 |
| Yxy | 27.2905, 0.2336, 0.2846 |
| Android (android.graphics.Color) | 4283340978 (0xFF4E98B2) |
| YUV | 132.8380, 22.2649, -48.0929 |
| Hunter-Lab | 52.2403, -14.8615, -15.8733 |

Details

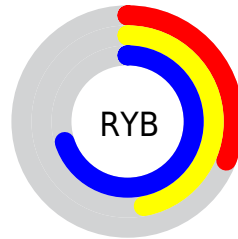
The Hex color **4E98B2** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B2684E**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **87CEEA**, and **02657D** is the 20% darker color. If you saturate the color by 10%, you get **3C93B2**, and if you desaturate by 10%, it is **609DB2**.

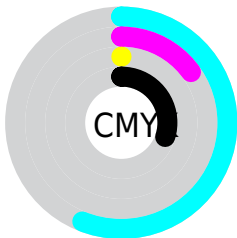
Distribution



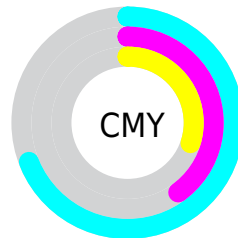
- Red (31%)
- Green (60%)
- Blue (70%)



- Red (31%)
- Yellow (47%)
- Blue (70%)



- Cyan (56%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (69%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4E98B2 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 4E98B2 by changing the saturation by 10% instead.



4E98B2



4E98B2

FFFFFF



307E97



87CEEA



02657D



A3EBFF



004D64



C0FFFF



00364C



DDFFFF



002135



FAFFFF



000220



000005



000000



4E98B2



4E98B2

■ 3C93B2

■ 609DB2

■ 2A8FB2

■ 72A1B2

■ 198AB2

■ 83A6B2

■ 0785B2

■ 95ABB2

■ 0084B2

■ A7AFB2

■ B9B4B2

■ CBB8B2

■ DCBDB2

■ EEC2B2

Harmonies

Analogous

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



489B9F



4E98B2



6A92BB

Triad

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



4E98B2



B87E95



8C9365

Complementary

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



4E98B2



B2684E

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.



A38B62



4E98B2



BC7F7E

Square

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



4E98B2



A683AA



B4846B



729873

Rectangle

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



4E98B2



808DBA



B4846B



959062

Sweetspot

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



4E98B2



C1DEE8



4EB267



5E6F75



F5F5F5



757575

Same Dimension

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



4E98B2



4DC0E8



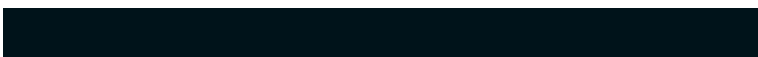
4E67B2



505759



007199



00131A

Inverse Universe

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



B24E98



E84DC0



B2994E



595057



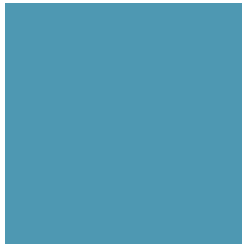
990071



1A0013

Previews

White Background



This preview shows how the Hex color 4E98B2 looks on a white background.

Color Contrast Check

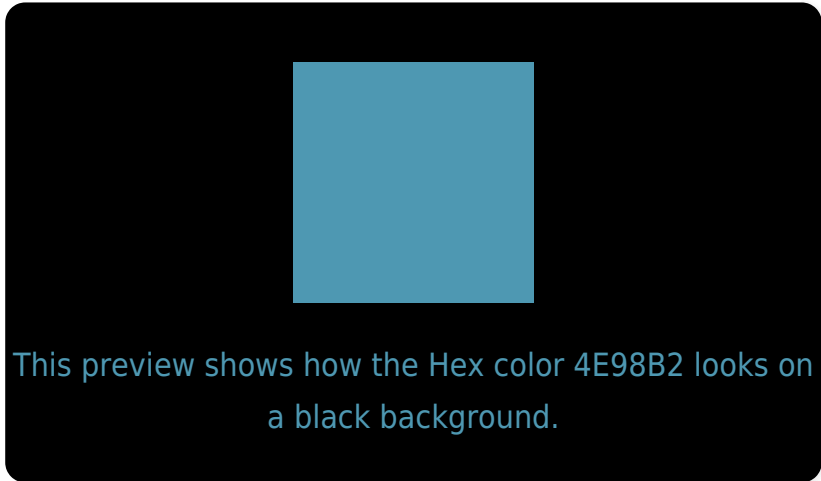
Large Text (above 18pt) WCAG AA ✓ Pass

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

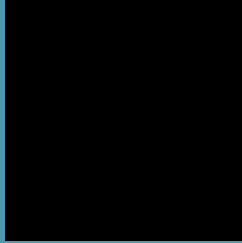
Any Text WCAG AA ✓ Pass

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 4E98B2 Background



This preview shows how black text looks on a background with the Hex color 4E98B2.

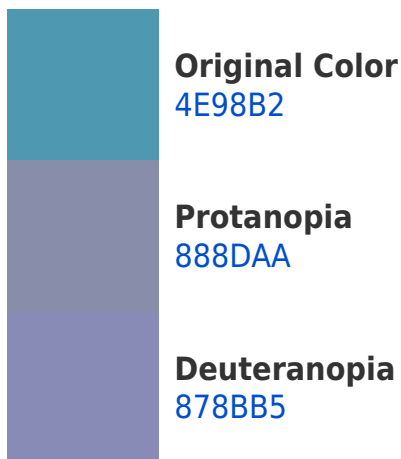


This preview shows how white text looks on a background with the Hex color 4E98B2.

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](#).

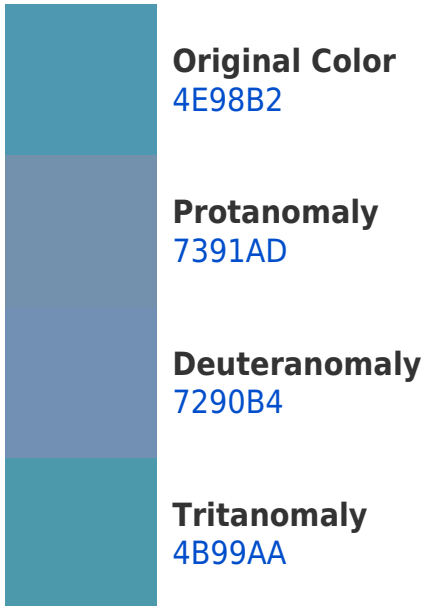
Dichromacy





Tritanopia
499AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4E98B2 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 #4E98B2 looks like.

```
.text, #text, p{  
    color:#4E98B2  
}
```

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 #4E98B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4E98B2  
}
```

Border

The CSS property to change the border of an element to Hex 4E98B2 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  
#4E98B2 }
```

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

```
.border{ border-color:#4E98B2 }
```

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

Here you see how a box with a 4 pixel #4E98B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4E98B2; -webkit-box-shadow:4px 4px  
4px 4px #4E98B2; box-shadow:4px 4px 4px  
4px #4E98B2 }
```

Background

The CSS property to change the background color of an element to Hex 4E98B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4E98B2 }
```

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

```
.background{ background-color:#4E98B2 }
```

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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