

Converting Colors

Hex(4C8783)

Have a look what the booklet for
Hex(4C8783) contains.

Hex(4C8783)	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(4C8783)

Conversions

Conversions Part 1

Format	Color
Hex	4C8783
RGB	76, 135, 131
RGB Percent	30%, 53%, 51%
CMY	0.7020, 0.4706, 0.4863
CMYK	0.44, 0.00, 0.03, 0.47
HSL	176°, 28%, 41%
HSV	176°, 44%, 53%
XYZ	15.7412, 20.5031, 24.6006
YIQ	116.9030, -33.8800, -13.7520

Conversions

Conversions Part 2

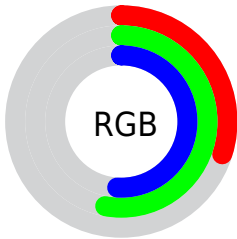
Format	Color
R_{YB}	76, 107, 135
Decimal	5015427
CIE _{Lab}	52.40, -20.25, -3.88
CIE _{LCh}	52, 20.621, 190.843
Yxy	20.5031, 0.2587, 0.3370
Android (android.graphics.Color)	4283205507 (0xFF4C8783)
YUV	116.9030, 6.9498, -35.8719
Hunter-Lab	45.2804, -17.1873, -0.5156

Details

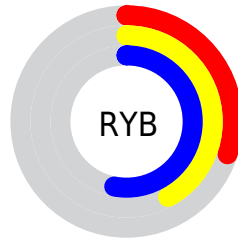
The Hex color **4C8783** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **874C50**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **81BCB8**, and **165552** is the 20% darker color. If you saturate the color by 10%, you get **3F8782**, and if you desaturate by 10%, it is **5A8784**.

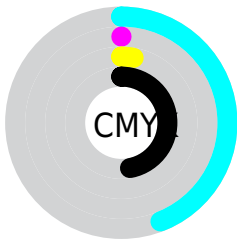
Distribution



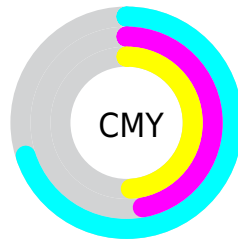
- Red (30%)
- Green (53%)
- Blue (51%)



- Red (30%)
- Yellow (42%)
- Blue (53%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (70%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4C8783 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 4C8783 by changing the saturation by 10% instead.



4C8783



4C8783

FFFFFF



326E6A



81BCB8



165552



9CD8D4



003D3B



B7F5F0



002725



D4FFFF



001010



F0FFFF



000000



4C8783



4C8783



3F8782



5A8784



318781



678785

■ 248780

■ 758786

■ 16877F

■ 828787

■ 09877E

■ 908788

■ 00877E

■ 9D8788

■ AB8789

■ B8878A

■ C6878B

Harmonies

Analogous

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



5C8671



4C8783



498693

Triad

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



4C8783



887698



94785C

Complementary

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



4C8783



874C50

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.



9F7367



4C8783



997289

Square

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



4C8783



707C9F



A17077



837E5A

Rectangle

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



4C8783



52839B



A17077



98765F

Sweetspot

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



4C8783



99B0AE



51874C



4B5958



D9D9D9



595959

Same Dimension

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



4C8783



54B0AA



4C6E87



3C4242



008279



000302

Inverse Universe

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



874C50



B0545B



87654C



423C3C



820009



030000

Previews

White Background



This preview shows how the Hex color 4C8783 looks on a white background.

Color Contrast Check

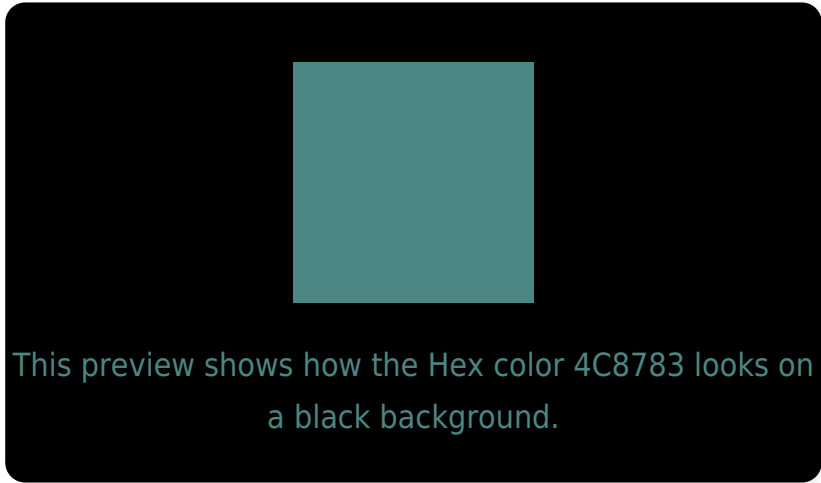
Large Text (above 18pt) WCAG AA ✓ Pass

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

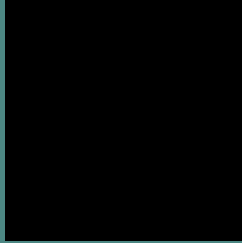
Any Text WCAG AA ✓ Pass

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 4C8783 Background



This preview shows how black text looks on a background with the Hex color 4C8783.

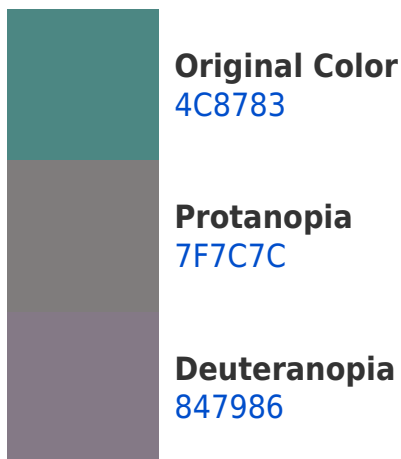


This preview shows how white text looks on a background with the Hex color 4C8783.

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



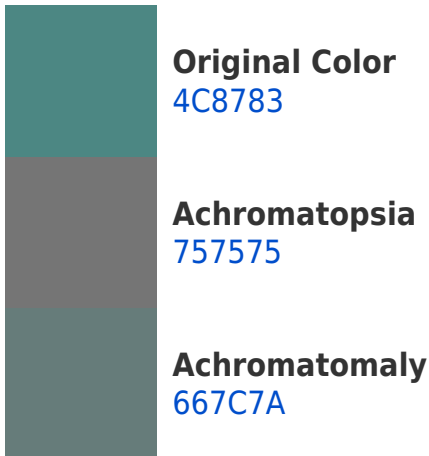


Tritanopia
508590

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4C8783 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 #4C8783 looks like.

```
.text, #text, p{  
    color:#4C8783  
}
```

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 #4C8783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8783
}
```

Border

The CSS property to change the border of an element to Hex 4C8783 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
#4C8783 }
```

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

```
.border{ border-color:#4C8783 }
```

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

Here you see how a box with a 4 pixel #4C8783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8783; -webkit-box-shadow:4px 4px  
4px 4px #4C8783; box-shadow:4px 4px 4px  
4px #4C8783 }
```

Background

The CSS property to change the background color of an element to Hex 4C8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8783 }
```

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

```
.background{ background-color:#4C8783 }
```

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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