

Converting Colors

Hex(4D8183)

Have a look what the booklet for
Hex(4D8183) contains.

Hex(4D8183)	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(4D8183)

Conversions

Conversions Part 1

Format	Color
Hex	4D8183
RGB	77, 129, 131
RGB Percent	30%, 51%, 51%
CMY	0.6980, 0.4941, 0.4863
CMYK	0.41, 0.02, 0.00, 0.49
HSL	182°, 26%, 41%
HSV	182°, 41%, 51%
XYZ	15.0076, 18.9170, 24.3331
YIQ	113.6800, -31.6340, -10.4020

Conversions

Conversions Part 2

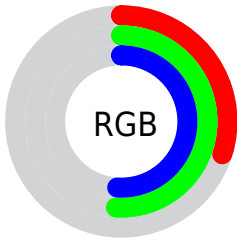
Format	Color
RYB	77, 103, 131
Decimal	5079427
CIELab	50.59, -16.78, -6.56
CIElCh	51, 18.015, 201.351
Yxy	18.9170, 0.2576, 0.3247
Android (android.graphics.Color)	4283269507 (0xFF4D8183)
YUV	113.6800, 8.5388, -32.1684
Hunter-Lab	43.4937, -14.5222, -2.7250

Details

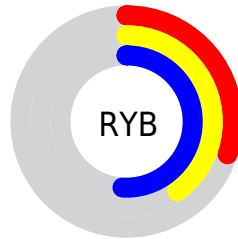
The Hex color **4D8183** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **834F4D**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **81B6B8**, and **195052** is the 20% darker color. If you saturate the color by 10%, you get **408183**, and if you desaturate by 10%, it is **5A8183**.

Distribution



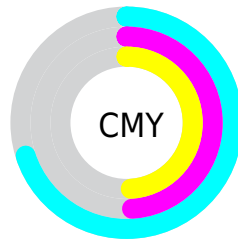
- Red (30%)
- Green (51%)
- Blue (51%)



- Red (30%)
- Yellow (40%)
- Blue (51%)



- Cyan (41%)
- Magenta (2%)
- Yellow (0%)
- Black (49%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8183 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 4D8183 by changing the saturation by 10% instead.



4D8183



4D8183

FFFFFF



33686A



81B6B8



195052



9CD2D4



00383B



B8EEF0



002325



D4FFFF



000511



F1FFFF



000000



4D8183



4D8183



408183



5A8183



338083



678283

■ 268083

■ 748283

■ 197F83

■ 818383

■ 0B7F83

■ 8E8383

■ 007E83

■ 9C8483

■ A98483

■ B68583

■ C38583

Harmonies

Analogous

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



578173



4D8183



507F90

Triad

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



4D8183



88718C



88765A

Complementary

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



4D8183



834F4D

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.



937161



4D8183



946E7E

Square

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



4D8183



757695



986E6E



787B5C

Rectangle

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



4D8183



5A7D95



986E6E



8C745C

Sweetspot

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



4D8183



96AAAB



4D834F



4B5657



D6D6D6



575757

Same Dimension

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



4D8183



57A8AB



4D6683



3C4242



007D82



000203

Inverse Universe

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



834D81



AB57A8



836A4D



423C42



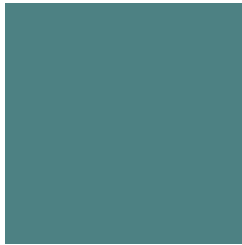
82007D



030002

Previews

White Background



This preview shows how the Hex color 4D8183 looks on a white background.

Color Contrast Check

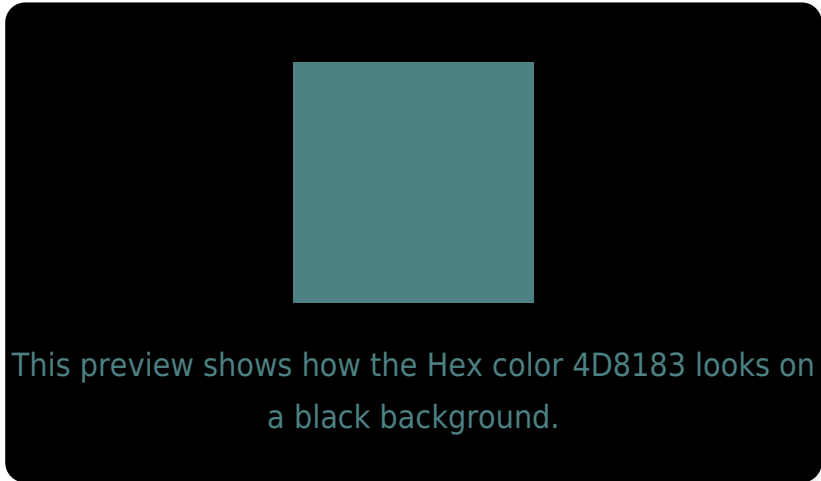
Large Text (above 18pt) WCAG AA ✓ Pass

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

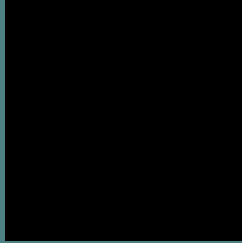
Any Text WCAG AA ✓ Pass

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 4D8183 Background



This preview shows how black text looks on a background with the Hex color 4D8183.

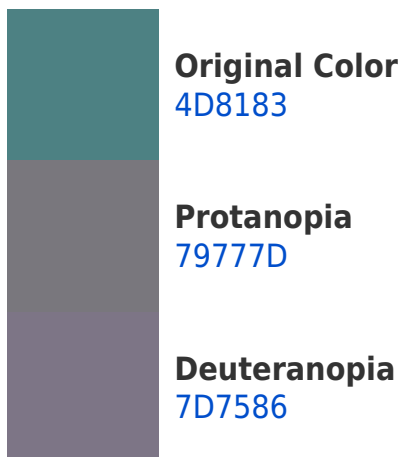


This preview shows how white text looks on a background with the Hex color 4D8183.

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](#).

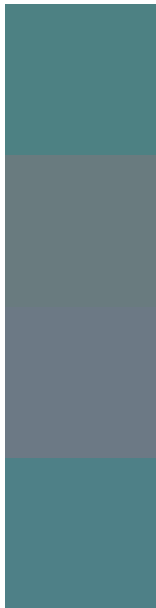
Dichromacy





Tritanopia
4F808A

Trichromacy



Original Color
4D8183

Protanomaly
697B7F

Deuteranomaly
6C7985

Tritanomaly
4E8087

Monochromacy



Original Color
4D8183

Achromatopsia
727272

Achromatomaly
657778

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8183 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 #4D8183 looks like.

```
.text, #text, p{  
    color:#4D8183  
}
```

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 #4D8183 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8183
}
```

Border

The CSS property to change the border of an element to Hex 4D8183 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
#4D8183 }
```

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

```
.border{ border-color:#4D8183 }
```

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

Here you see how a box with a 4 pixel #4D8183 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8183; -webkit-box-shadow:4px 4px  
4px 4px #4D8183; box-shadow:4px 4px 4px  
4px #4D8183 }
```

Background

The CSS property to change the background color of an element to Hex 4D8183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8183 }
```

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

```
.background{ background-color:#4D8183 }
```

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