

Converting Colors

Hex(4A7983)

Have a look what the booklet for
Hex(4A7983) contains.

Hex(4A7983)	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(4A7983)

Conversions

Conversions Part 1

Format	Color
Hex	4A7983
RGB	74, 121, 131
RGB Percent	29%, 47%, 51%
CMY	0.7098, 0.5255, 0.4863
CMYK	0.44, 0.08, 0.00, 0.49
HSL	191°, 28%, 40%
HSV	191°, 44%, 51%
XYZ	13.7581, 16.7693, 23.9844
YIQ	108.0870, -31.2220, -6.8540

Conversions

Conversions Part 2

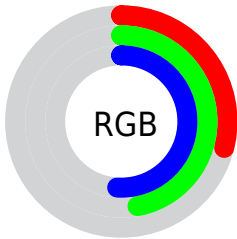
Format	Color
RYB	74, 100, 131
Decimal	4880771
CIELab	47.97, -13.20, -10.50
CIELCh	48, 16.861, 218.503
Yxy	16.7693, 0.2524, 0.3076
Android (android.graphics.Color)	4283070851 (0xFF4A7983)
YUV	108.0870, 11.2961, -29.8943
Hunter-Lab	40.9503, -11.6921, -6.0606

Details

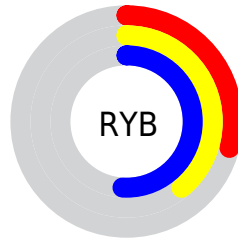
The Hex color **4A7983** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **83544A**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **7EADB8**, and **154852** is the 20% darker color. If you saturate the color by 10%, you get **3D7783**, and if you desaturate by 10%, it is **577B83**.

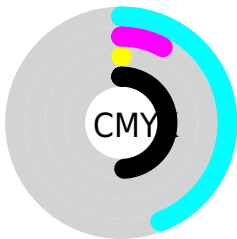
Distribution



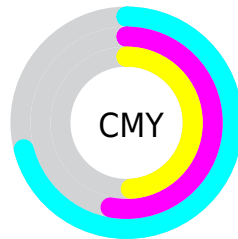
- Red (29%)
- Green (47%)
- Blue (51%)



- Red (29%)
- Yellow (39%)
- Blue (51%)



- Cyan (44%)
- Magenta (8%)
- Yellow (0%)
- Black (49%)



- Cyan (71%)
- Magenta (53%)
- Yellow (49%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7983 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 4A7983 by changing the saturation by 10% instead.

 4A7983

 4A7983

FFFFFF

 31606A

 7EADB8

 154852

 99C9D4

 00323B

 B4E5F0

 001D25

 D0FFFF

 000110

 EDFFFF

 000000

 4A7983

 4A7983

 3D7783

 577B83

 307483

 647E83

■ 237283

■ 718083

■ 167083

■ 7E8283

■ 096E83

■ 8B8483

■ 006C83

■ 998783

■ A68983

■ B38B83

■ C08E83

Harmonies

Analogous

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



4C7A76



4A7983



54768C

Triad

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



4A7983



88697D



787256

Complementary

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



4A7983



83544A

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.



866D58



4A7983



8F686E

Square

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



4A7983



796D88



8E6961



68765B

Rectangle

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



4A7983



60738E



8E6961



7D7156

Sweetspot

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



4A7983



95A7AB



4A8353



495457



D6D6D6



575757

Same Dimension

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



4A7983



529BAB



4A5D83



3C4142



006B82



000203

Inverse Universe

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



834A79



AB529B



83704A



423C41



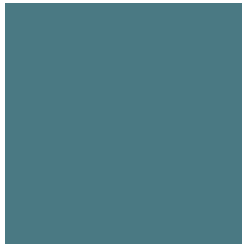
82006B



030002

Previews

White Background



This preview shows how the Hex color 4A7983 looks on a white background.

Color Contrast Check

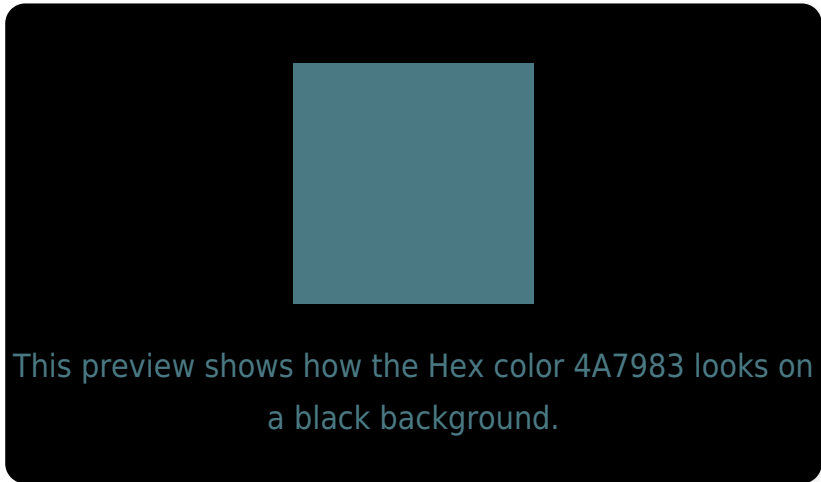
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

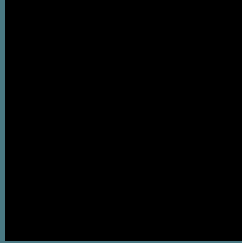
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 4A7983 Background



This preview shows how black text looks on a background with the Hex color 4A7983.

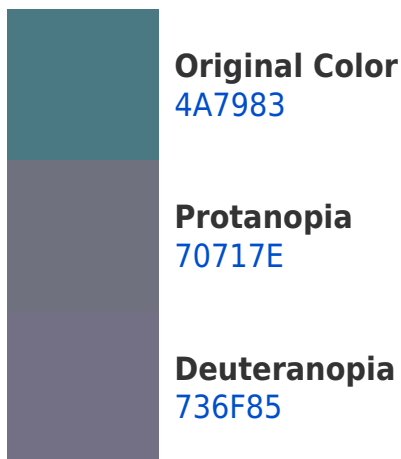


This preview shows how white text looks on a background with the Hex color 4A7983.

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](#).

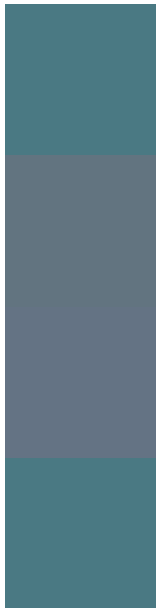
Dichromacy





Tritanopia
4A7983

Trichromacy



Original Color
4A7983

Protanomaly
627480

Deuteranomaly
647384

Tritanomaly
4A7983

Monochromacy



Original Color
4A7983

Achromatopsia
6C6C6C

Achromatomaly
607174

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7983 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 #4A7983 looks like.

```
.text, #text, p{  
    color:#4A7983  
}
```

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 #4A7983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7983
}
```

Border

The CSS property to change the border of an element to Hex 4A7983 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
#4A7983 }
```

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

```
.border{ border-color:#4A7983 }
```

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

Here you see how a box with a 4 pixel #4A7983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7983; -webkit-box-shadow:4px 4px  
4px 4px #4A7983; box-shadow:4px 4px 4px  
4px #4A7983 }
```

Background

The CSS property to change the background color of an element to Hex 4A7983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7983 }
```

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

```
.background{ background-color:#4A7983 }
```

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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