

Converting Colors

Hex(509983)

Have a look what the booklet for
Hex(509983) contains.

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Color

Hex(509983)

Conversions

Conversions Part 1

Format	Color
Hex	509983
RGB	80, 153, 131
RGB Percent	31%, 60%, 51%
CMY	0.6863, 0.4000, 0.4863
CMYK	0.48, 0.00, 0.14, 0.40
HSL	162°, 31%, 46%
HSV	162°, 48%, 60%
XYZ	18.7962, 26.1266, 25.5250
YIQ	128.6650, -36.4460, -22.3180

Conversions

Conversions Part 2

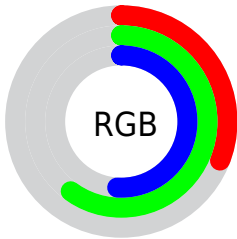
Format	Color
RYB	80, 123, 153
Decimal	5282179
CIELab	58.16, -28.34, 4.54
CIELCh	58, 28.699, 170.903
Yxy	26.1266, 0.2668, 0.3709
Android (android.graphics.Color)	4283472259 (0xFF509983)
YUV	128.6650, 1.1512, -42.6792
Hunter-Lab	51.1142, -23.8101, 6.1722

Details

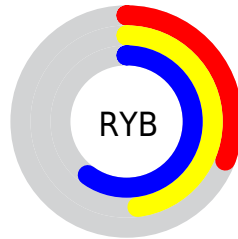
The Hex color **509983** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **995066**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **86D0B8**, and **176552** is the 20% darker color. If you saturate the color by 10%, you get **41997E**, and if you desaturate by 10%, it is **5F9988**.

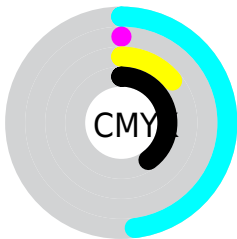
Distribution



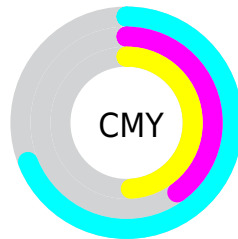
- Red (31%)
- Green (60%)
- Blue (51%)



- Red (31%)
- Yellow (48%)
- Blue (60%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509983 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 509983 by changing the saturation by 10% instead.

 509983

 509983

FFFFFF

 357F6A

 86D0B8

 176552

 A1ECD4

 004D3B

 BDFFF0

 003625

 DAFFFF

 002210

 F7FFFF


 000000

 509983

 509983

 41997E

 5F9988

 31997A

 6F998C

■ 229975

■ 7E9991

■ 139971

■ 8D9995

■ 04996C

■ 9D999A

■ 00996B

■ AC999F

■ BB99A3

■ CA99A8

■ DA99AC

Harmonies

Analogous

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



6E966B



509983



37999D

Triad

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



509983



8488BB



B67F66

Complementary

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



509983



995066

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.



BE7A7B



509983



A47FAC

Square

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



509983



5E91BD



B87995



A4885A

Rectangle

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



509983



3598AC



B87995



BA7D6C

Sweetspot

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



509983



ABC7BF



679950



53635E



E3E3E3



636363

Same Dimension

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



509983



56C7A5



508C99



454D4A



008C62



000D09

Inverse Universe

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



995066



C75678



995D50



4D4547



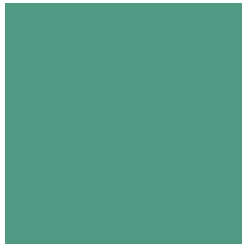
8C002A



0D0004

Previews

White Background



This preview shows how the Hex color 509983 looks on a white background.

Color Contrast Check

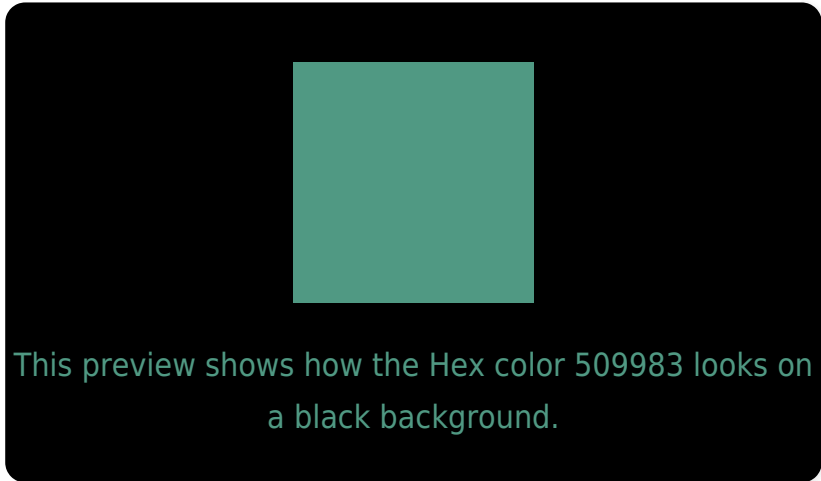
Large Text (above 18pt) WCAG AA ✓ Pass

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

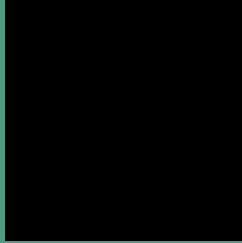
Any Text WCAG AA ✓ Pass

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 509983 Background



This preview shows how black text looks on a background with the Hex color 509983.

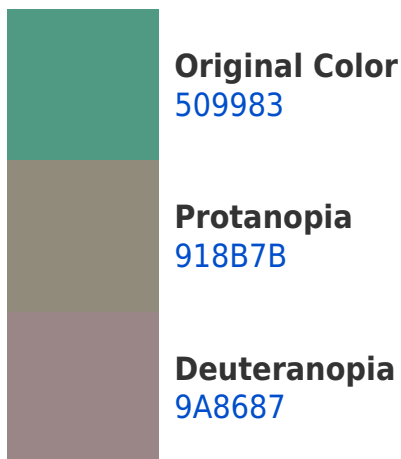


This preview shows how white text looks on a background with the Hex color 509983.

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



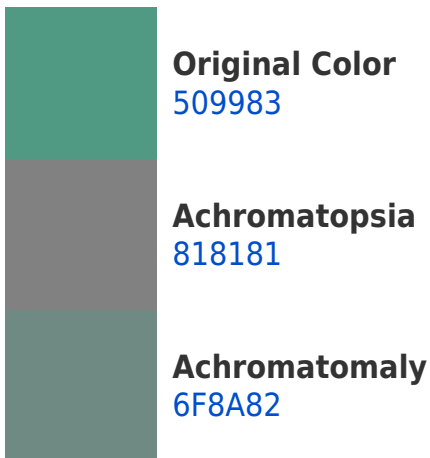


Tritanopia
5895A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509983 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 #509983 looks like.

```
.text, #text, p{  
    color:#509983  
}
```

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 #509983 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509983
}
```

Border

The CSS property to change the border of an element to Hex 509983 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
#509983 }
```

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

```
.border{ border-color:#509983 }
```

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

Here you see how a box with a 4 pixel #509983 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509983; -webkit-box-shadow:4px 4px  
4px 4px #509983; box-shadow:4px 4px 4px  
4px #509983 }
```

Background

The CSS property to change the background color of an element to Hex 509983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509983 }
```

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

```
.background{ background-color:#509983 }
```

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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