

Converting Colors

Hex(509972)

Have a look what the booklet for
Hex(509972) contains.

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Color

Hex(509972)

Conversions

Conversions Part 1

Format	Color
Hex	509972
RGB	80, 153, 114
RGB Percent	31%, 60%, 45%
CMY	0.6863, 0.4000, 0.5529
CMYK	0.48, 0.00, 0.25, 0.40
HSL	148°, 31%, 46%
HSV	148°, 48%, 60%
XYZ	17.7368, 25.7028, 19.9459
YIQ	126.7270, -30.9890, -27.6050

Conversions

Conversions Part 2

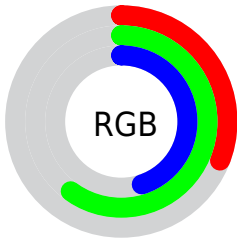
Format	Color
RYB	80, 130, 153
Decimal	5282162
CIELab	57.75, -32.18, 13.58
CIElCh	58, 34.926, 157.127
Yxy	25.7028, 0.2798, 0.4055
Android (android.graphics.Color)	4283472242 (0xFF509972)
YUV	126.7270, -6.2744, -40.9796
Hunter-Lab	50.6980, -26.2730, 12.1623

Details

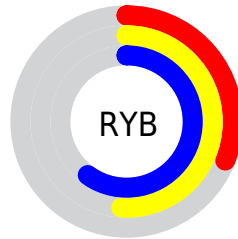
The Hex color **509972** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995077**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **85D0A6**, and **186542** is the 20% darker color. If you saturate the color by 10%, you get **41996A**, and if you desaturate by 10%, it is **5F997A**.

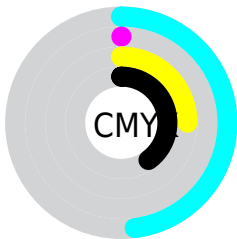
Distribution



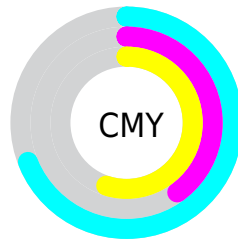
- Red (31%)
- Green (60%)
- Blue (45%)



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



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (40%)



- Cyan (69%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509972 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 509972 by changing the saturation by 10% instead.

 509972

 509972

FFFFFF

 357F59

 85D0A6

 186542

 A1ECC1

 004D2C

 BDFD

 003517

 D9FFFA

 002200

 F6FFFF


 000000

 509972

 509972

 41996A

 5F997A

 319962

 6F9982

■ 229959

■ 7E998B

■ 139951

■ 8D9993

■ 049949

■ 9D999B

■ 009947

■ AC99A3

■ BB99AB

■ CA99B3

■ DA99BC

Harmonies

Analogous

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



769459



509972



1A9B91

Triad

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



509972



698BC7



C27767

Complementary

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



509972



995077

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.



C57285



509972



9880BB

Square

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



509972



2C94C2



B776A3



B28153

Rectangle

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



509972



009AA6



B776A3



C57571

Sweetspot

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



509972



ABC7B8



789950



53635A



E3E3E3



636363

Same Dimension

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



509972



56C78A



509995



454D48



008C41



000D06

Inverse Universe

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



995077



C75692



995054



4D4549



8C004B



0D0007

Previews

White Background



This preview shows how the Hex color 509972 looks on a white background.

Color Contrast Check

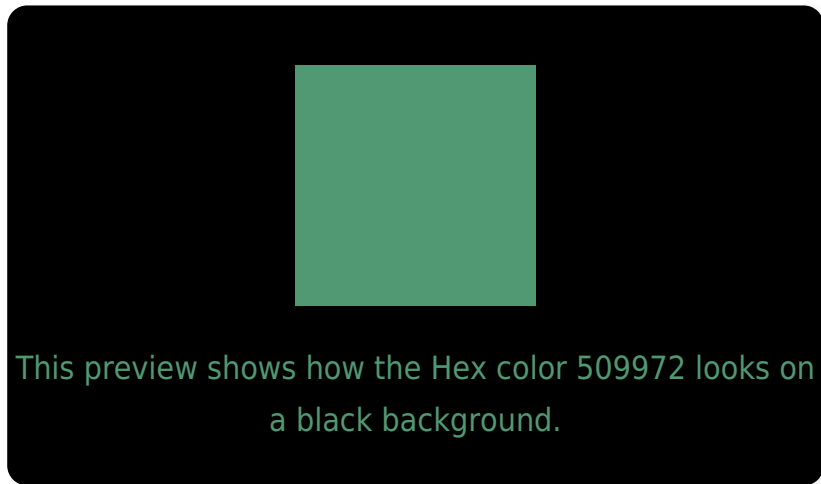
Large Text (above 18pt) WCAG AA ✓ Pass

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

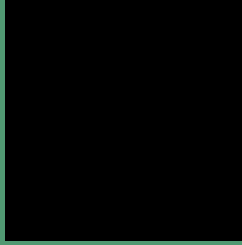
Any Text WCAG AA ✓ Pass

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 509972 Background



This preview shows how black text looks on a background with the Hex color 509972.

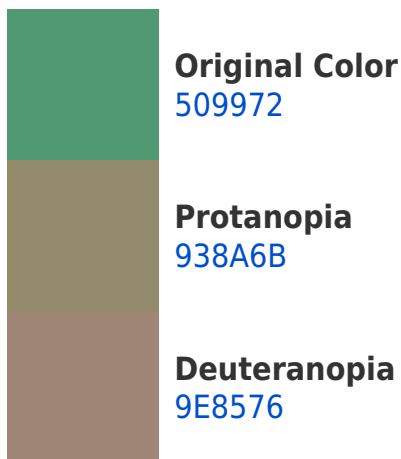


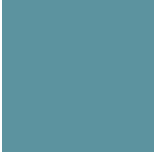
This preview shows how white text looks on a background with the Hex color 509972.

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



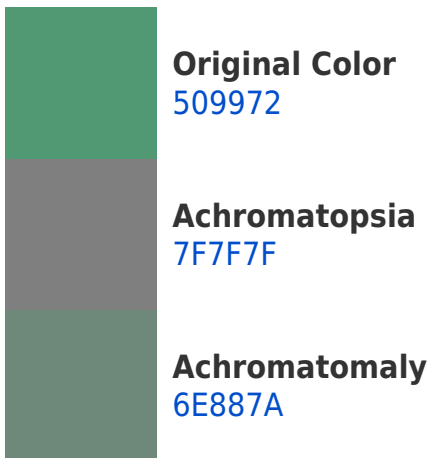


Tritanopia
5C939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509972 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 #509972 looks like.

```
.text, #text, p{  
    color:#509972  
}
```

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 #509972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509972
}
```

Border

The CSS property to change the border of an element to Hex 509972 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
#509972 }
```

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

```
.border{ border-color:#509972 }
```

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

Here you see how a box with a 4 pixel #509972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509972; -webkit-box-shadow:4px 4px  
4px 4px #509972; box-shadow:4px 4px 4px  
4px #509972 }
```

Background

The CSS property to change the background color of an element to Hex 509972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509972 }
```

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

```
.background{ background-color:#509972 }
```

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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