

Converting Colors

Hex(509D4F)

Have a look what the booklet for
Hex(509D4F) contains.

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Color

Hex(509D4F)

Conversions

Conversions Part 1

Format	Color
Hex	509D4F
RGB	80, 157, 79
RGB Percent	31%, 62%, 31%
CMY	0.6863, 0.3843, 0.6902
CMYK	0.49, 0.00, 0.50, 0.38
HSL	119°, 33%, 46%
HSV	119°, 50%, 62%
XYZ	16.7765, 26.3839, 11.6055
YIQ	125.0850, -20.8540, -40.5820

Conversions

Conversions Part 2

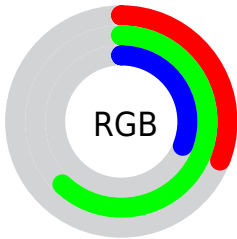
Format	Color
RYB	79, 157, 156
Decimal	5283151
CIELab	58.40, -40.22, 33.45
CIElCh	58, 52.307, 140.249
Yxy	26.3839, 0.3063, 0.4818
Android (android.graphics.Color)	4283473231 (0xFF509D4F)
YUV	125.0850, -22.7199, -39.5395
Hunter-Lab	51.3653, -31.5890, 22.5597

Details

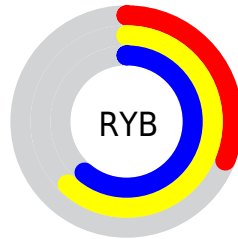
The Hex color **509D4F** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **9C4F9D**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **86D482**, and **14691F** is the 20% darker color. If you saturate the color by 10%, you get **419D3F**, and if you desaturate by 10%, it is **5F9D5F**.

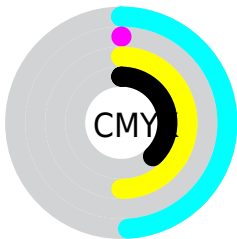
Distribution



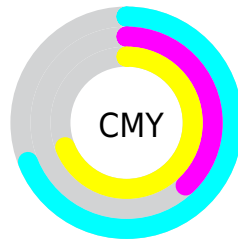
- Red (31%)
- Green (62%)
- Blue (31%)



- Red (31%)
- Yellow (62%)
- Blue (61%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (38%)



- Cyan (69%)
- Magenta (38%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509D4F 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 509D4F by changing the saturation by 10% instead.



509D4F



509D4F

FFFFFF



348237



86D482



14691F



A2F19C



005005



BEFFB7



003800



DBFFD3



002400



F8FFF0



000000



509D4F



509D4F



419D3F



5F9D5F



319D30



6F9D6E

 229D20

 7E9D7E

 129D10

 8E9D8E

 039D00

 9D9D9D

 029D00

 AD9DAD

 BC9DBD

 CC9DCD

 DB9DDC

Harmonies

Analogous

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



879330



509D4F



00A27B

Triad

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



509D4F



0096E7



E1656F

Complementary

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



509D4F



9C4F9D

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.



D9659D



509D4F



7486E3

Square

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



509D4F



009FD2



B673C8



D27347

Rectangle

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



509D4F



00A39B



B673C8



E1637E

Sweetspot

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



509D4F



AECCAD



9D9C4F



546654



E6E6E6



666666

Same Dimension

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



509D4F



53CC52



4F9D75



474F47



028F00



000F00

Inverse Universe

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



9C4F9D



CA52CC



9D4F77



4F474F



8D008F



0F000F

Previews

White Background



This preview shows how the Hex color 509D4F looks on a white background.

Color Contrast Check

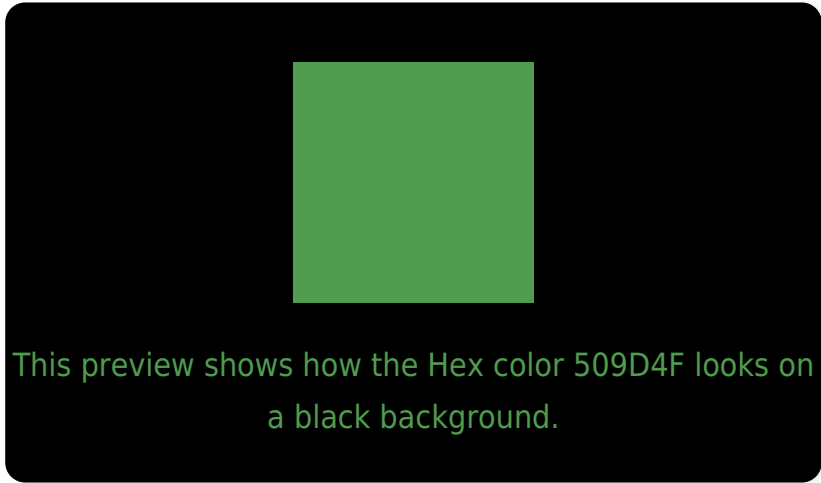
Large Text (above 18pt) WCAG AA ✓ Pass

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 509D4F Background



This preview shows how black text looks on a background with the Hex color 509D4F.

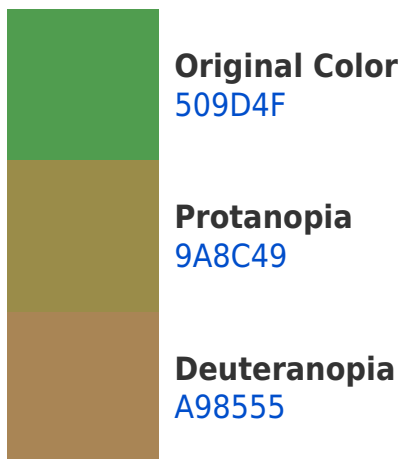


This preview shows how white text looks on a background with the Hex color 509D4F.

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](#).

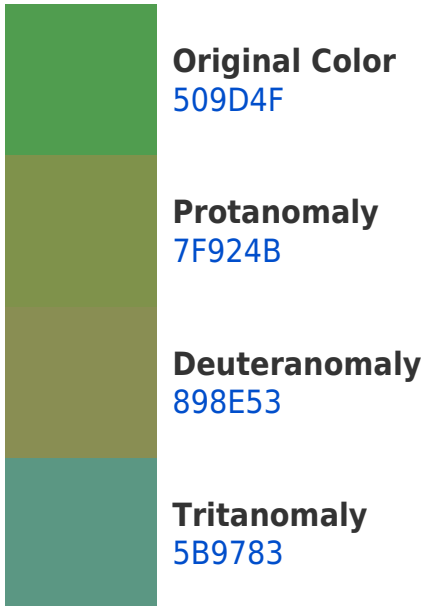
Dichromacy





Tritanopia
6194A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509D4F 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 #509D4F looks like.

```
.text, #text, p{  
    color:#509D4F  
}
```

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 #509D4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509D4F
}
```

Border

The CSS property to change the border of an element to Hex 509D4F 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
#509D4F }
```

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

```
.border{ border-color:#509D4F }
```

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

Here you see how a box with a 4 pixel #509D4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509D4F; -webkit-box-shadow:4px 4px  
4px 4px #509D4F; box-shadow:4px 4px 4px  
4px #509D4F }
```

Background

The CSS property to change the background color of an element to Hex 509D4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509D4F }
```

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

```
.background{ background-color:#509D4F }
```

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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