

# Converting Colors

Hex(519A64)

Have a look what the booklet for  
Hex(519A64) contains.

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**Color**

**Hex(519A64)**

# Conversions

## Conversions Part 1

Format	Color
Hex	519A64
RGB	81, 154, 100
RGB Percent	32%, 60%, 39%
CMY	0.6824, 0.3961, 0.6078
CMYK	0.47, 0.00, 0.35, 0.40
HSL	136°, 31%, 46%
HSV	136°, 47%, 60%
XYZ	17.2492, 25.7806, 16.1236
YIQ	126.0170, -26.1740, -32.2700

# Conversions

## Conversions Part 2

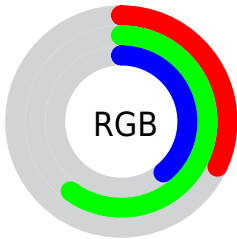
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	81, 139, 154
Decimal	5347940
CIE <sub>Lab</sub>	57.83, -35.14, 21.48
CIE <sub>LCh</sub>	58, 41.187, 148.567
Yxy	25.7806, 0.2916, 0.4358
Android (android.graphics.Color)	4283538020 (0xFF519A64)
YUV	126.0170, -12.8264, -39.4799
Hunter-Lab	50.7746, -28.2155, 16.7145

# Details

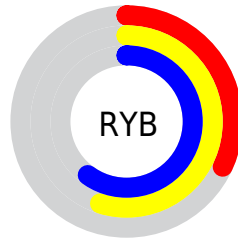
The Hex color **519A64** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A5187**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **86D197**, and **196635** is the 20% darker color. If you saturate the color by 10%, you get **429A59**, and if you desaturate by 10%, it is **609A6F**.

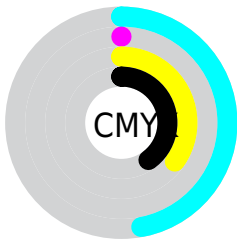
# Distribution



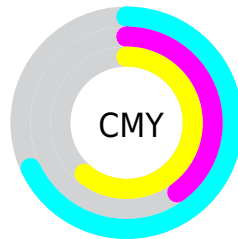
- Red (32%)
- Green (60%)
- Blue (39%)



- Red (32%)
- Yellow (55%)
- Blue (60%)



- Cyan (47%)
- Magenta (0%)
- Yellow (35%)
- Black (40%)




- Cyan (68%)
- Magenta (40%)
- Yellow (61%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 519A64 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 519A64 by changing the saturation by 10% instead.



 519A64

 519A64

FFFFFF

 36804C

 86D197

 196635

 A2EDB2

 004E1E

 BEFFCE


 003608

 DAFFEA

 002200

 F8FFFF

 000000

 519A64

 519A64

 429A59

 609A6F

 329A4D

 709A7B

 239A42

 7F9A86

 139A36

 8F9A92

 049A2B

 9E9A9D

 009A28

 AD9AA8

 BD9AB4

 CC9ABF

 DC9ACB

# Harmonies

## Analogous

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



7E9349



519A64



009D88

# Triad

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



519A64



488FD3



CE706A

# Complementary

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



519A64



9A5187

# 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.



CC6D8E



519A64



8B82CA

# Square

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



519A64



0098C8



B675B1



BE7B4E

# Rectangle

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



519A64



009DA1



B675B1



CF6E76



# Sweetspot

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



519A64



ADC9B5



889A51



556659



E6E6E6



666666



# Same Dimension

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



519A64



57C975



519A88



454D47



008C25



000D03



# Inverse Universe

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



9A5187



C957AC



9A5163



4D454B



8C0068



0D0009



# Previews

## White Background



This preview shows how the Hex color 519A64 looks on a white background.

## Color Contrast Check

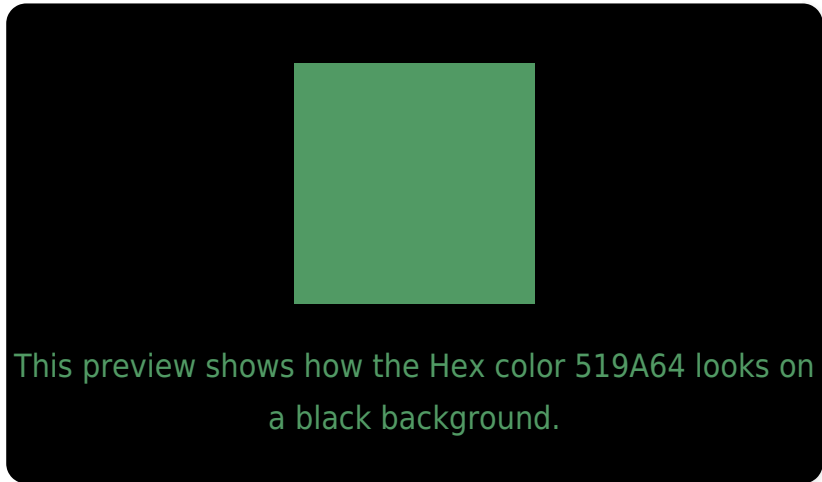
Large Text (above 18pt) WCAG AA ✓ Pass

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

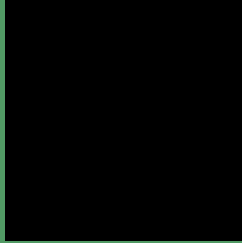
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 519A64 Background



This preview shows how black text looks on a background with the Hex color 519A64.



This preview shows how white text looks on a background with the Hex color 519A64.

# 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



**Original Color**  
519A64

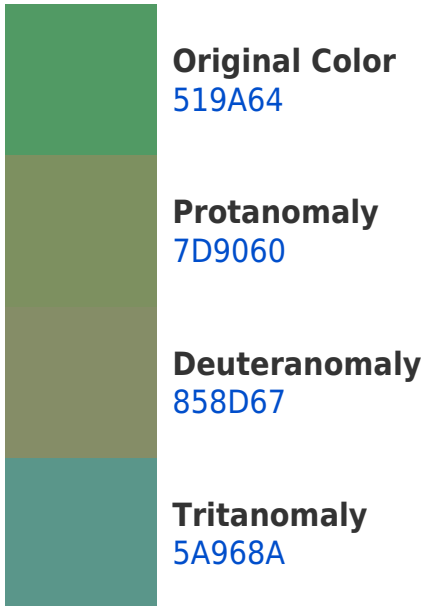
**Protanopia**  
968A5D

**Deuteranopia**  
A38569



**Tritanopia**  
5F939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 519A64 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 #519A64 looks like.

```
.text, #text, p{  
    color:#519A64  
}
```

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 #519A64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519A64
}
```

## Border

The CSS property to change the border of an element to Hex 519A64 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
#519A64 }
```

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

```
.border{ border-color:#519A64 }
```

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

Here you see how a box with a 4 pixel #519A64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519A64; -webkit-box-shadow:4px 4px  
4px 4px #519A64; box-shadow:4px 4px 4px  
4px #519A64 }
```

# Background

The CSS property to change the background color of an element to Hex 519A64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519A64 }
```

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

```
.background{ background-color:#519A64 }
```

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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