

# Converting Colors

Hex(51904E)

Have a look what the booklet for  
Hex(51904E) contains.

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# Color

Hex(51904E)

# Conversions

## Conversions Part 1

Format	Color
Hex	51904E
RGB	81, 144, 78
RGB Percent	32%, 56%, 31%
CMY	0.6824, 0.4353, 0.6941
CMYK	0.44, 0.00, 0.46, 0.44
HSL	117°, 30%, 44%
HSV	117°, 46%, 56%
XYZ	14.7417, 22.2459, 10.7246
YIQ	117.6390, -16.3620, -33.8820

# Conversions

## Conversions Part 2

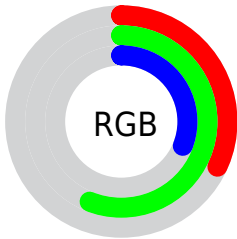
<b>Format</b>	<b>Color</b>
<b>RYB</b>	78, 144, 141
Decimal	5345358
CIELab	54.29, -34.32, 28.82
CIELCh	54, 44.815, 139.978
Yxy	22.2459, 0.3090, 0.4663
Android (android.graphics.Color)	4283535438 (0xFF51904E)
YUV	117.6390, -19.5420, -32.1324
Hunter-Lab	47.1656, -26.7490, 19.5344

# Details

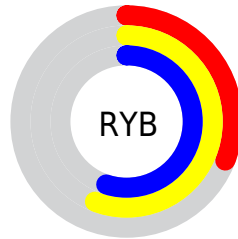
The Hex color **51904E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D4E90**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **86C680**, and **1B5D1F** is the 20% darker color. If you saturate the color by 10%, you get **439040**, and if you desaturate by 10%, it is **5F905C**.

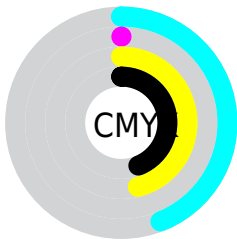
# Distribution



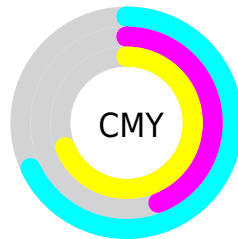
- Red (32%)
- Green (56%)
- Blue (31%)



- Red (31%)
- Yellow (56%)
- Blue (55%)



- Cyan (44%)
- Magenta (0%)
- Yellow (46%)
- Black (44%)




- Cyan (68%)
- Magenta (44%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 51904E 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 51904E by changing the saturation by 10% instead.



 51904E

 51904E

FFFFFF

 377636

 86C680

 1B5D1F

 A1E39A

 004507

 BDFFB6


 002E00

 D9FFD1

 001800

 F6FFEE

 000000

 51904E

 51904E

 439040

 5F905C

 369031

 6C906B

 289023

 7A9079

 1A9014

 889088

 0C9006

 969096

 079000

 A390A4

 B190B3

 BF90C1

 CD90D0

# Harmonies

## Analogous

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



7F8835



51904E



009473

# Triad

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



51904E



008ACE



CA626A

# Complementary

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



51904E



8D4E90

# 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.



C36291



51904E



6E7DCB

# Square

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



51904E



0092BC



A56DB4



BE6D48

# Rectangle

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



51904E



00958E



A56DB4



CA6076



# Sweetspot

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



51904E



A1BAA0



908D4E



4F5E4E



DEDEDE



5E5E5E



# Same Dimension

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



51904E



58BA54



4E906C



414740



068700



000800



# Inverse Universe

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



8D4E90



B554BA



904E72



474047



810087



070008



# Previews

## White Background



This preview shows how the Hex color 51904E looks on a white background.

## Color Contrast Check

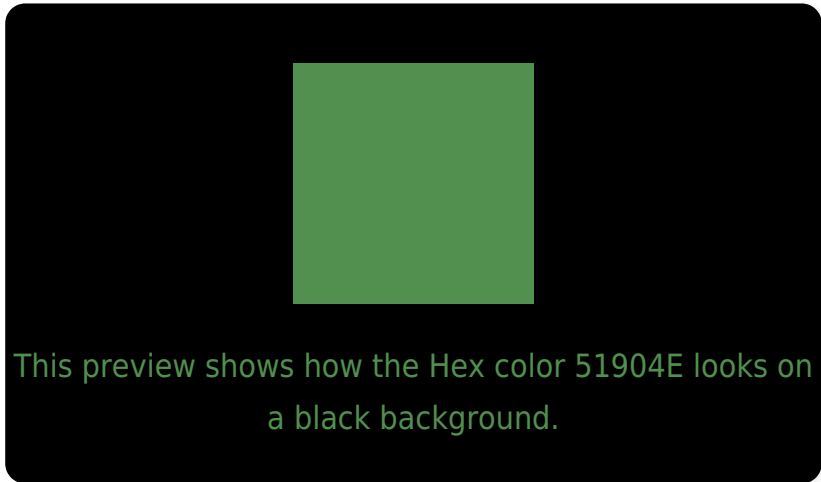
Large Text (above 18pt) WCAG AA ✓ Pass

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 51904E Background



This preview shows how black text looks on a background with the Hex color 51904E.

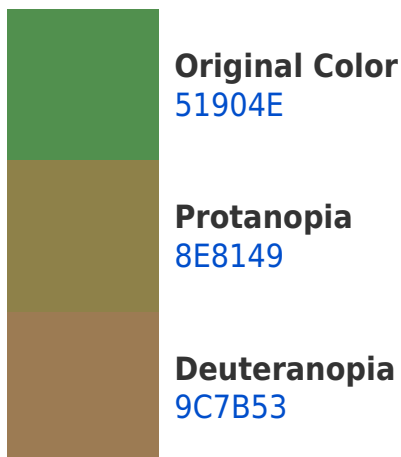


This preview shows how white text looks on a background with the Hex color 51904E.

# 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](#).

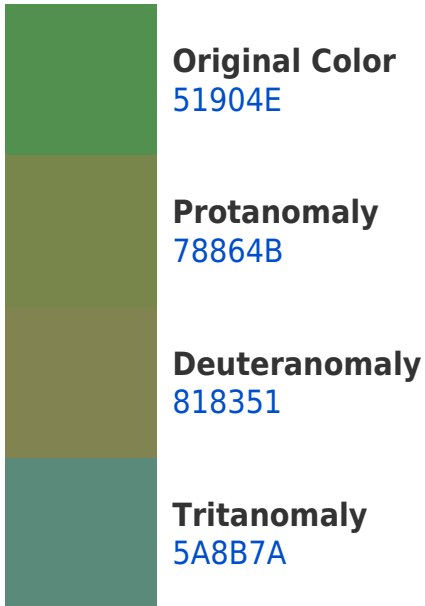
## Dichromacy





**Tritanopia**  
5F8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 51904E 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 #51904E looks like.

```
.text, #text, p{  
    color:#51904E  
}
```

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 #51904E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51904E
}
```

## Border

The CSS property to change the border of an element to Hex 51904E 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
#51904E }
```

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

```
.border{ border-color:#51904E }
```

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

Here you see how a box with a 4 pixel #51904E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51904E; -webkit-box-shadow:4px 4px  
4px 4px #51904E; box-shadow:4px 4px 4px  
4px #51904E }
```

# Background

The CSS property to change the background color of an element to Hex 51904E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51904E }
```

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

```
.background{ background-color:#51904E }
```

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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